

INSTALLATION RESTORATION PROGRAM

Final

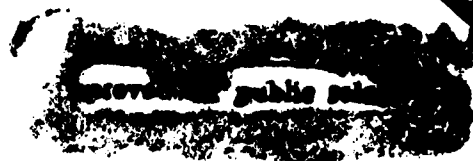
**SITE INVESTIGATION REPORT
VOLUME II**

**152nd TACTICAL RECONNAISSANCE GROUP
NEVADA AIR NATIONAL GUARD
RENO CANNON INTERNATIONAL AIRPORT
RENO, NEVADA**

April 1994



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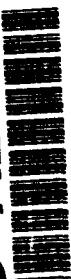


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94-24551


HAZWRAP SUPPORT CONTRACTOR OFFICE
Oak Ridge, Tennessee 37831
Managed by MARTIN MARIETTA ENERGY SYSTEMS, INC.
For the U.S. Department of Energy under contract DE-AC05-84OR21400

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AD-A282 929



<small> Planning and reviewing the report instructions include suggestions for reducing the burden to Washington Service Headquarters by the following: Submit the report to the Office of Management and Budget, Paperwork Reduction Project 10-11181 Washington, DC 20503 </small>			
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6. Author(s) OAK RIDGE NATIONAL LABORATORY P.O. BOX 2567 GRAND JUNCTION, COLORADO 81502			
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Unclassified	Unclassified	Unclassified	None

APPENDIX A

TECHNICAL MEMORANDA ON FIELD ACTIVITIES

Accession For	
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Unannounced	<input type="checkbox"/>
Justification	
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Distribution /	
Availability Codes	
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A-1	

FIELD CHANGE REQUEST FORM

Field change No. 1

Page 1 of 1

Project Site Investigation, Nevada Air National Guard, Reno, Nevada

Project No. None

Applicable Document: SI Workplan

Description: To prevent slip in schedule presented by drilling sub-
contract procurement, GSM borings will be performed before piezometer
installations.

Reason for change: To prevent further slip in schedule.

Recommended disposition: Proceed with GSM borings as suggested.

Impact on present and completed work: Will prevent locating piezo-
meters in contaminated areas as indicated by GSM survey.

Final disposition: _____

Requested by: Frank Gardner, ORNL Site Project Manager.

Field/Project Manager: Frank Gardner

Approvals:

HAZWRAP Project Manager: Dwight Robertson

Note: The HAZWRAP Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Sect. 3 "Changes," of contract Terms and Conditions.

FIELD CHANGE REQUEST FORM

Field change No. 2

Page 1 of 1

Project Site Investigation, Nevada Air National Guard, Reno, Nevada

Project No. None

Applicable Document: SI Workplan

Description: Increased use of Geoprobe to for waste minimization.

Reason for change: To minimize auger cuttings requiring containeri-
zation and potential disposal.

Recommended disposition: Proceed with Geoprobe in conjunction with
use of augers to provide screening data for soils and help locate
soil borings.

Impact on present and completed work: Has provided soil screening
without generating additional auger cuttings.

Final disposition: _____

Requested by: Frank Gardner, ORNL Site Project Manager.

Field/Project Manager: Frank Gardner

Approvals:

HAZWRAP Project Manager: Dwight Robertson

Note: The HAZWRAP Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Sect. 3 "Changes," of contract Terms and Conditions.

FIELD CHANGE REQUEST FORM

Field change No. 3Page 1 of 1Project Site Investigation, Nevada Air National Guard, Reno, NevadaProject No. NoneApplicable Document: SI WorkplanDescription: Omitting GC field screening of piezometer water samples.

Reason for change: Not needed as result of performing GSM survey prior
to piezometer installation. Extensive GSM screening data was used to
locate piezometers outside zones of suspected contamination.

Recommended disposition: Proceed with change

Impact on present and completed work: Will save significant field effort
and associated costs.

Final disposition: _____

Requested by: Frank Gardner, ORNL Site Project Manager.Field/Project Manager: Frank Gardner

Approvals:

HAZWRAP Project Manager: Dwight Robertson

Note: The HAZWRAP Project Manager is notified of the need for change in project cost, schedule direction, or scope. This form does NOT satisfy Sect. 3 "Changes," of contract Terms and Conditions.

OAK RIDGE NATIONAL LABORATORY

OPERATED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.

GRAND JUNCTION OFFICE
P. O. BOX 2567
GRAND JUNCTION, COLORADO 81502

June 24, 1992

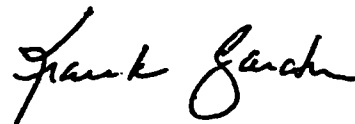
Michael J. Anderson
State of Nevada
Department of Conservation and Natural Resources
Division of Water Resources
Capitol Complex
123 W. Nye Lane
Carson City, Nevada 89710

RE: Application for blanket approval of 34 monitor wells for site characterization at the Nevada Air National Guard Base at the Reno, Cannon International Airport, Washoe County, Nevada; Location N19 E20 19

This letter is being sent in lieu of application for drilling permits for the installations of 34 monitor wells. The monitor wells are planned as part of the Site Investigation of nine separate sites located on the above facility. A waiver (M/O-468) was previously granted by your organization for a UST investigation at the same facility. The wells were never installed during that investigation as they were not needed. Attached is a copy of the Site Investigation Sampling and Analysis Plan which presents the proposed well locations and well construction methods for which this waiver is being requested.

If you should need any additional information, please contact me at (303) 248-6238.

Sincerely,



Frank Gardner
Site Project Manager

FGG/

cc: File

BOB MILLER
Governor

STATE OF NEVADA

A-5



PETER G. MORROS
Director

R. MICHAEL TURNIPSEED, P.E.
State Engineer

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

Capitol Complex
123 W. Nye Lane

Waiver - M/O-571

Carson City, Nevada 89710

(702) 687-4380
July 20, 1992

Frank Gardner
Site Project Manager
Oak Ridge National Labs
P.O. Box 2567
Grand Junction, CO 81502

Re: Thirty-four (34) monitor wells (total) for Petroleum Hydrocarbon Site Assessment at nine separate locations, Nevada Air Gard and Reno Airport properties, Reno, Nevada; Local Nos = 087 N19 E20 19

Dear Mr. Gardner:

As provided in Section 534.450 of the Regulation for Water Well and Related Drilling, as adopted under Chapter 534 of the Nevada Administrative Code, and for good cause shown, authorization is herewith granted to complete the subject wells as described in your letter dated June 24, 1992. This office waives only NAC Sections 534.360(3), 534.380(1), 534.380(8) and 534.435(2) of the regulation. The annulus of each well must be cemented with cement slurry with no more than 3% bentonite by weight from the approximate depth of the two foot bentonite plug to land surface. Full compliance with the remainder of the statute and regulation is required. The subject wells must be properly plugged and abandoned as required under NAC 534.420 upon project completion or one year from the date of this letter, whichever occurs first. Please include as accurate a description as possible of the location of each well on the completion reports. It is expressly understood this authorization does not relieve the operator of the permitting requirements of other state, federal and local agencies.

If any questions arise please contact this office at 702-687-4380.

Sincerely,

A handwritten signature in cursive script that reads "Thomas K. Gallagher".

Thomas K. Gallagher, P.E.
Hydraulic Engineer III

TKG/jjs
cc: NDEP

NVANG SI Report
Final - April 1994

STATE OF NEVADA

BOB MILLER
GovernorPETER C. MORROS
DirectorL. H. DODGION
Administrator

Administration (702) 687-4670
 Air Quality 687-5086
 Mining Regulation and Reclamation 687-4670
 Waste Management 687-6872
 Federal Facilities 687-3880



Wastewater Treatment Services 687-5670
 Water Permits and Compliance 687-4670
 Water Quality Planning 687-4670
 FAX 685-0060

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
 DIVISION OF ENVIRONMENTAL PROTECTION

123 W. Nye Lane
 Carson City, Nevada 89710
 July 22, 1992

Captain John C. Peck
 Environmental Program Manager
 Nevada Air National Guard MSS/DEV
 1776 National Guard Way
 Reno, Nevada 89502-4494

Dear Captain Peck:

The Nevada Division of Environmental Protection has reviewed the Site Investigation Work Plan and Sampling and Analysis Plan for the Site Investigation (SI) to be conducted at Nevada Air National Guard, Reno Cannon Airport. In general, the Plans appear to be sufficient for this phase of the SI. The Division is pleased with the results of the ground water screening method (GSM) implemented at other environmental site investigations. However, the Division requires that the following procedures be added to the SI Work Plan.

- 1) Drill cuttings may be used to back-fill soil borings if the cuttings are not visually contaminated, and no contamination is detected in the field by gas chromatograph and/or photoionizing detector. Otherwise, borings should be backfilled with cement grout.
- 2) Two down-gradient monitoring wells, and the proposed piezometers, should be sufficient to monitor ground water beneath sites where the GSM detects no contamination. At sites where the GSM detects ground water contamination, a minimum of four monitoring wells are required: one "clean" well located up-gradient of the site, two down-gradient wells, and one well located in the area of highest contamination as defined by the GSM.

NVANG SI Report
 Final - April 1994

Captain John C. Peck

Page 2

July 22, 1992

3) Prior to collecting ground water samples from GSM borings and monitoring wells, determine if light non-aqueous phase liquids (LNAPL) are present. If LNAPL are present:

- A) Measure and record LNAPL thickness;
- B) Collect and analyze a LNAPL sample for identification of the product.

If LNAPL are not detected, collect ground water samples as proposed.

4) It is my understanding that the scope of this SI includes the second and third quarterly sampling events, and the repair of damaged well heads at the Ramp Apron Rapid Response Initiative Site. Please confirm the quarterly sampling/repair schedule for this site.

5) The SI Report should include isoconcentration maps for contaminated soil and ground water, ground water potentiometric maps, and LNAPL thickness maps.

The Division approves of the proposed SI schedule with the addition of a "progress report" meeting to be held soon after the demobilization of the field program (May 1993). Please add this meeting to the Site Investigation Schedule, Work Plan Figure 7.1.

Enclosed for your information and use is a copy of the Division's Contaminated Soil and Ground Water Remediation Policy dated June 25, 1992. The Policy should be referred to when establishing applicable or relevant and appropriate environmental and public health requirements (ARARs).

I am looking forward to the start of the field investigation at Nevada Air National Guard in September. If you have any questions, please contact me at the Bureau of Federal Facilities' new telephone number: (702) 687-5872.

Sincerely,



T. Nevan Kane
Hydrogeologist, C.E.M.
DOD Branch
Bureau of Federal Facilities

TNK/db

Enclosure

cc: Dave Minedew, NDEP
Frank Gardener, ORNL

NVANG SI Report
Final - April 1994

A-8
ORNL/GJ

FACSIMILE TRANSMISSION ROUTING SHEET

DATE 1-15-93

SENT FROM: OAK RIDGE NATIONAL LABORATORY/GRAND JUNCTION OFFICE
FTS/COMMERCIAL: 303-248-6147

VERIFICATION:
COMMERCIAL: 303-248-6212 OR 303-248-6216

TO: Gil Ellis 702 334 2490

FROM: Frank Gardner

SPECIAL INSTRUCTIONS:

Gil-

*Attached are water quality data sheets
relative to Nevada Air Guard Site
Investigation. Hard copy to follow in mail.*

Frank

THIS TRANSMITTAL CONSISTED OF 5 PAGES (EXCLUDING COVER SHEET)

OAK RIDGE NATIONAL LABORATORY

OPERATED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.

GRAND JUNCTION OFFICE

P. O. BOX 2567

GRAND JUNCTION, COLORADO 81502

April 30, 1993

Jim Williams
Bureau Chief
Bureau of Water Pollution Control
Division of Environmental Protection
123 W. Nye Lane
Carson City, NV 89710

Permission for Discharge of Purge Water From Site Investigation at the Nevada Air National Guard, Reno, Nevada

Dear Mr. Williams:

As per John Nelson instructions, I am writing you to formally request permission to discharge approximately 500 gal of purge water generated during site investigation activities at the above-referenced site. The water was analyzed using CLP methods for volatiles, semivolatiles, and metals. TPH analysis was performed using modified 8015 for both gasoline and JP-4 standards. Copies of the results are enclosed. The water contains approximately 10 $\mu\text{g/l}$ of benzene and trace amounts of chloroform, ethylbenzene, and xylenes, all of which should be digested anaerobically by the soil. Discharge, if approved, would be performed in the area indicated in the attached map of the site. The area is relatively flat, void of any vegetation, and removed from any active storm drains.

Please contact me at (303) 248-6238 with any questions or comments.

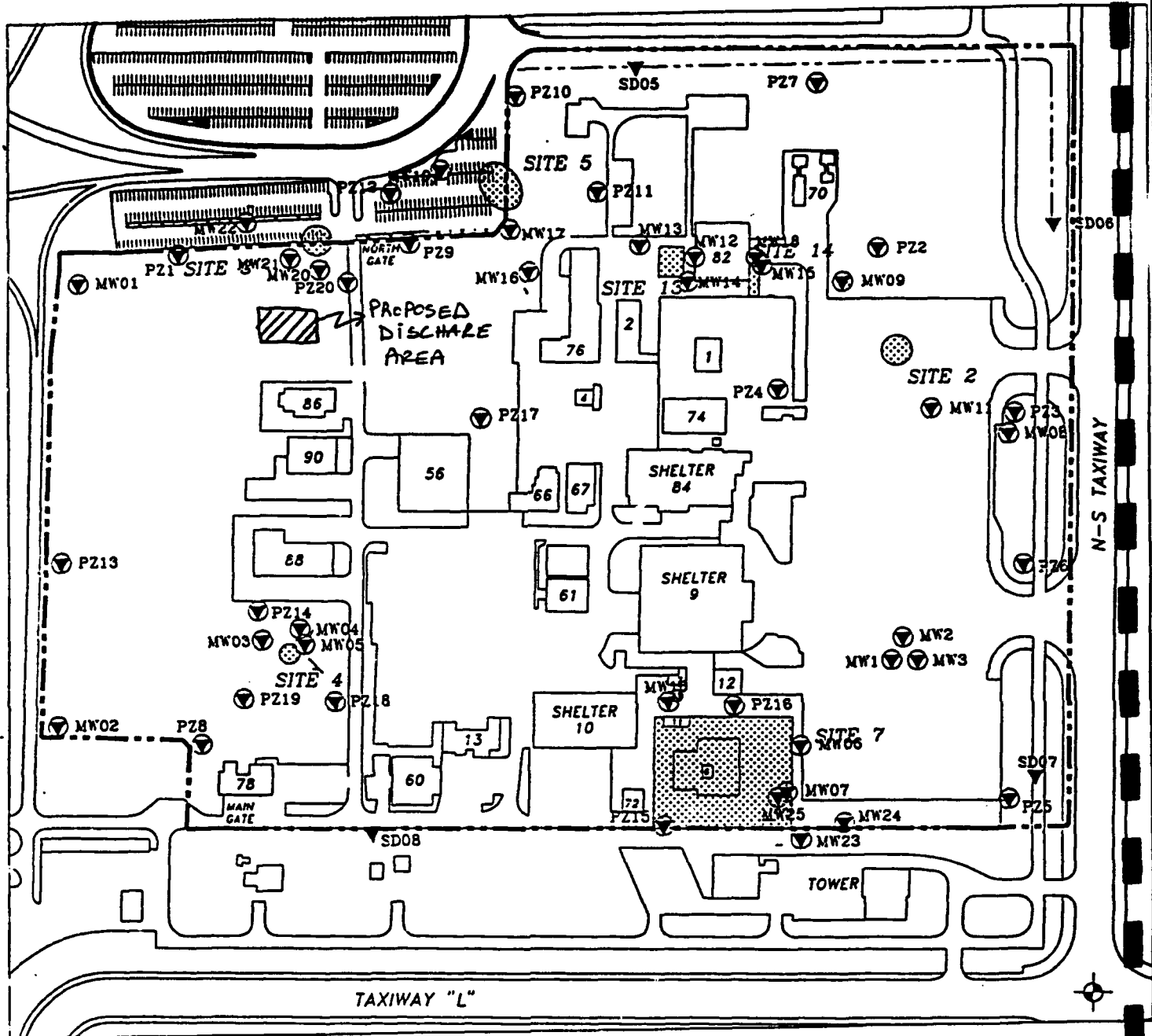
Sincerely,








Frank Gardner
Site Project Manager/EM-1205

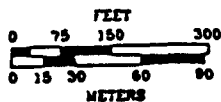
Enclosures

cc: Capt. John Peck (NVANG)
Dwight Robertson (HAZWRAP)



ORNL/PAG
SITE INVESTIGATION
152nd TRG
NEVADA AIR NATIONAL GUARD
RENO CANNON INTERNATIONAL AIRPORT
RENO, NEVADA

-  MATCH POINT FOR OFF-BASE SITES
-  STUDY SITE
-  BASE BOUNDARY
-  PIEZOMETER/MONITORING WELL
-  SEDIMENT SAMPLE LOCATION



NVANG SI Report
Final - April 1994

A-11
STATE OF NEVADA
BOB MILLER
Governor

L. H. DODGION
Administrator

PETER G. MORROS
Director

Administration (702) 687-4670
Air Quality 687-5066
Mining Regulation and Reclamation 687-4675
Water Quality Planning 687-5883
Water Pollution Control 687-6870
Fax 687-5886



Waste Management 687-5872
Chemical Hazards Management 687-5872
Federal Facilities 687-5872
Fax 686-0868

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION

Capitol Complex
333 W. Nye Lane
Carson City, Nevada 89710

May 11, 1993

Frank Gardner
Site Project Manager/EM-1205
Oak Ridge National Laboratory
P.O. Box 2567
Grand Junction, CO 81502

Re: Discharge of Purge Water; Nevada Air National Guard

Dear Mr. Gardner:

This is in response to your letter of April 30, 1993 to John Nelson which requested permission to dispose of 500 gallons of purge water from a site investigation at the Nevada Air National Guard.

Permission is hereby granted to dispose of 500 gallons of purge water of a quality described in the attachments to your letter of April 30, 1993 in the area identified on the attached map of the site.

Notify me, in writing, when the disposal has been accomplished.

If you have any questions call me at (702) 687-5870.

Sincerely,

James B. Williams Jr.
James B. Williams, Jr., P.E.
Chief, Bureau of
Water Pollution Control

JBW/kb:WP4
Gardner.jbw

NVANG SI Report
Final - April 1994

OAK RIDGE NATIONAL LABORATORY

OPERATED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.

GRAND JUNCTION OFFICE

P. O. BOX 2567

GRAND JUNCTION, COLORADO 81502

June 14, 1993

Jim Williams
Bureau Chief
Bureau of Water Pollution Control
Division of Environmental Protection
123 W. Nye Lane
Carson City, NV 89710

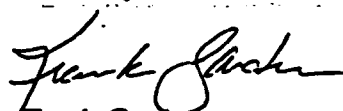
Discharge of Purge Water at Nevada Air National Guard

Dear Mr. Williams:

This is in response to your letter dated May 11, 1993 granting permission to dispose of 500 gallons of purge water to the quality described in the attachments to my letter of April 30, 1993. The purge water was disposed of in the prescribed manner on June 2, 1993.

If you should have any questions, please call me at (303) 248-6238.

Sincerely,



Frank Gardner
Site Project Manager/EM-1205

cc: Capt. John Peck (NVANG)
Dwight Robertson (HAZWRAP)

APPENDIX B

**MONITORING WELL/PIEZOMETER/BOREHOLE RECORDS
AND CASING/GROUND ELEVATION DATA**

APPENDIX B

MONITORING WELL, PIEZOMETER, AND BOREHOLE RECORDS; CASING- AND GROUND-ELEVATION DATA

This appendix contains the monitoring well, piezometer, and borehole records and casing-elevation data. Table B-1 presents casing elevations for monitoring wells and piezometers. Table B-2 presents east and north location coordinates for monitoring and piezometers. A legend with lithologic symbols is presented as a general guideline for the types of lithology. Well summary forms for MW01 through MW25 are presented first, followed by piezometer forms for PZ01 through PZ20. Borehole forms for soil borings BH01 through BH34 are presented last.

Table B-1. Casing- and ground-elevation data

Well Number	Ground Elevation, ft amsl ^a	Casing Elevation, ft amsl	Screened Interval, ft bgs ^b
MW01	4406.71	4406.11	6.0 to 16.0
MW02	4405.05	4404.62	7.0 to 17.0
MW03	4404.17	4404.38	6.0 to 16.0
MW04	4404.02	4403.69	6.0 to 16.0
MW05	4403.96	4403.61	6.0 to 11.0
MW06	4399.05	4398.69	4.5 to 14.5
MW07	4398.25	4397.90	4.0 to 14.0
MW08	4399.37	4399.21	4.0 to 14.0
MW09	4402.14	4401.97	4.0 to 14.0
MW10	4400.85	4400.79	3.0 to 13.0
MW11	4400.58	4400.09	4.0 to 14.0
MW12	4402.96	4402.50	6.0 to 16.0
MW13	4402.98	4402.48	6.0 to 16.0
MW14	4402.73	4402.13	5.5 to 15.5
MW15	4402.75	4402.77	3.5 to 13.5
MW16	4404.29	4404.17	6.5 to 16.5
MW17	4402.74	4402.50	4.0 to 14.0
MW18	4402.80	4402.57	4.5 to 14.5
MW19	4404.26	4404.11	6.5 to 16.5
MW20	4403.14	4403.05	6.0 to 16.0
MW21	4403.44	4403.29	6.0 to 16.0
MW22	4405.05	4404.65	6.0 to 16.0
MW23	4399.72	4399.40	5.0 to 15.0
MW24	4398.89	4398.67	5.0 to 15.0
MW25	4398.19	4397.78	3.0 to 13.0

Table B-1. (continued)

Well Number	Ground Elevation, ft amsl ^a	Casing Elevation, ft amsl	Screened Interval, ft bgs ^b
PZ01	4405.81	4405.49	11.0 to 16.0
PZ02	4401.20	4401.12	10.0 to 15.0
PZ03	4399.06	4498.62	11.0 to 16.0
PZ04	4401.43	4401.09	11.0 to 16.0
PZ05	4397.59	4397.28	11.0 to 16.0
PZ06	4397.34	4397.23	10.5 to 15.5
PZ07	4403.96	4403.53	11.0 to 16.0
PZ08	4404.51	4404.44	10.0 to 15.0
PZ09	4403.43	4403.28	10.5 to 15.5
PZ10	4404.15	4403.88	10.0 to 15.0
PZ11	4403.85	4404.00	10.0 to 15.0
PZ12	4404.80	4404.65	10.0 to 15.0
PZ13	4405.77	4405.72	10.0 to 15.0
PZ14	4404.09	4403.85	10.5 to 15.5
PZ15	4399.55	4399.55	10.0 to 15.0
PZ16	4400.04	4400.13	10.5 to 15.5
PZ17	4403.64	4403.54	10.5 to 15.5
PZ18	4403.77	4403.60	10.0 to 15.0
PZ19	4404.30	4404.41	10.0 to 15.0
PZ20	4404.47	4404.25	10.5 to 15.5

^a feet above mean sea level^b feet below ground surface

Table B.2. Coordinates of monitoring wells and piezometers.

Well	East coordinate	North coordinate
MW01	14850407.97	2292392.03
MW02	14850646.87	2291479.77
MW03	14850765.21	2291685.76
MW04	14850838.94	2291707.51
MW05	14850847.42	2291676.47
MW06	14851808.83	2291458.85
MW07	14851781.73	2291368.01
MW08	14852213.69	2292066.75
MW09	14851893.76	2292372.09
MW10	14851553.65	2291550.55
MW11	14852064.48	2292118.93
MW12	14851608.54	2292425.24
MW13	14851501.57	2292452.01
MW14	14851594.59	2292377.01
MW15	14851738.98	2292407.20
MW16	14851285.80	2292401.13
MW17	14851250.21	2292487.18
MW18	14851727.86	2292422.83
MW19	14851117.68	2292605.78
MW20	14850879.06	2292412.97
MW21	14850820.96	2292435.94
MW22	14850736.61	2292509.20
MW23	14851808.31	2291276.42
MW24	14851891.89	2291306.16
MW25	14851764.88	2291357.89








Well	East coordinate	North coordinate
PZ1	14850602.33	2292447.29
PZ2	14851962.21	2292437.13
PZ3	14852226.21	2292107.69
PZ4	14851768.39	2292161.97
PZ5	14852209.53	2291346.24
PZ6	14852242.22	2291811.37
PZ7	14851847.04	2292763.78
PZ8	14850646.88	2291479.77
PZ9	14851055.26	2292462.71
PZ10	14851262.18	2292749.10
PZ11	14851421.10	2292557.67
PZ12	14851019.40	2292562.08
PZ13	14850373.04	2291843.30
PZ14	14850757.03	2291744.33
PZ15	14851543.61	2291306.13
PZ16	14851681.36	2291540.86
PZ17	14851192.27	2292113.56
PZ18	14850907.55	2291561.01
PZ19	14850729.60	2291569.45
PZ20	14850934.20	2292387.94

EXPLANATION










This appendix contains the lithologic logs for the monitoring wells and boreholes drilled at NVANG Reno during the remedial investigation. Completion diagrams of the monitoring wells and piezometers are also included. The patterns used to illustrate well-construction materials and lithology are identified below. The lithologic symbols shown below contain a general description of that unit. Individual logs should be consulted for detailed lithologic information. All descriptions of color utilize the Munsell Soil Color Chart. Grain sizes for sands were identified using the American/Canadian Stratigraphic grain size chart.

Designated Patterns Used on the Lithologic and Well-Completion Diagrams for monitoring wells, piezometers and borehole logs.

WELL CONSTRUCTION MATERIALS

	Cement
	Cement/Bentonite grout
	Bentonite pellets
	Casing
	Sand pack
	Well screen
	Native fill

LITHOLOGIC SYMBOLS

	FILL
	GP GRAVEL: coarse sand and gravel.
	SW SAND: medium grained sands, well graded with gravel.
	SW SAND: coarse grained sands, well graded.
	SP SAND: fine grained sands, poorly graded.
	SP SAND: medium grained sands, poorly graded.
	SM SILT: silty sand or sandy silt.
	CS SILTY CLAY: sandy occasionally.
	CL CLAY: silty clay or clayey silt.

RD4029

B-6

Well Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 11/10/92 Page: 1 OF 1
 Hole No.: MM01 Casing Elevation: 4406.11' Ground Elevation: 4406.17'
 Total Depth: 26' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide
 Auger Size: 8" O.D. Sample Type: 3"x2' Split spoon
 Project: NANGB, Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0	CS				FILL: yellow brown gravelly sand, predominately gravel, slightly damp, unconsolidated.
2	CS				SM SILT: yellow brown, occasional gravel, occasional limonite staining, trace root casts, occasional organic material (roots).
4	CS				SP SAND: yellowish brown (10YR 5/4), very fine grained, subrounded, dense, dry, silty, consolidated, disseminated calcium carbonate, calcareous matrix. Becoming silty, dark reddish-brown limonite staining.
6	CS				SP SAND: yellowish brown (10YR 5/6), very fine grained, subangular to subrounded, damp, clayey to silty, consolidated, increasing organic material at 8 ft. Becoming gray, medium grained, decreasing clay content.
8	CS				
10	CS				
12	CS				NO SAMPLE RECOVERY.
14	CS				
16	CS				SW SAND: dark gray, coarse grained (CL-CU), subangular to subrounded, wet, occasional pyrite grains, trace of gravel, loose.
18	CS				SW SAND: dark gray as above, increasing coarse grained (CU), wet, angular to subrounded, trace gravel, loose.
20	CS				SP SAND: dark gray, predominately coarse grained (CL), moist, loose.
22	CS				SW SAND: dark gray, medium to coarse grained (CL), angular to subrounded, wet, occasional pyrite grains, loose, coarse grained to 4 mm at 21.5 ft.
24	CS				CS CLAYEY SILT: dark yellowish brown (10YR 4/4), mottled light gray, sandy, low plasticity, damp, abundant limonite staining.
26	CS				SW SAND: gray brown, medium to coarse grained (CL), angular to rounded, trace coarse gravel, wet, increasing clay content.
28	CS				CS CLAYEY SILT: light gray (5Y 7/1), very stiff, damp, nonplastic, sandy, abundant limonite staining.
30	CS				SP SAND: brown, medium grained, subrounded to rounded, trace gravel, wet, loose. Becoming gray, clayey, plastic.
32	CS				SM SILT: yellow brown to gray, dense, clayey, abundant limonite staining. CONCRETE 0'-2' BENTONITE PELLETS (1/2") 2'-4' FRAC SAND (12/20) 4'-26' SLOTTED 2" PVC SCREEN (0.010") 6'-16'

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 11/12/92 Page: 1 OF 1
 Hole No.: MM02 Casing Elevation: 4404.62' Ground Elevation: 4405.05'
 Total Depth: 20.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGR Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: yellow brown gravelly sand, dense, slightly damp, predominately gravel.
CS					
2					SM SILT: yellow brown (10YR 5/4), consolidated, blocky, moist, disseminated calcium carbonate, calcareous matrix.
CS					
4					SP SAND: yellow brown (10YR 5/4), medium grained, subangular to subrounded, damp, loose, trace coarse sand, clayey-low plasticity.
CS					
6					CS CLAYEY SILT: dark grayish brown (10YR 4/2), slightly plastic, damp, abundant limonite staining, consolidated, soft, trace organic material (roots). Becoming denser, increasing sand content.
CS					
8					
CS					SP SAND: yellowish brown (10YR 5/6), very fine grained, subangular, trace coarse sand, compact to loose.
10					SP SAND: grayish brown (10YR 5/2), fine grained, loose, becoming saturated at 10'.
CS					
12					SP SAND: dark brownish gray, medium grained, subangular to subrounded, wet, loose, occasional gravel. Becoming dark gray, coarse grained.
CS					
14					
16					
CS					SW SAND: grayish brown, coarse grained (cL-vcl), subrounded, wet, trace gravel.
18					
20					NO SAMPLE TAKEN: Rat hole to set casing.
22					
24					CONCRETE 0-3' BENTONITE PELLETS (1/2") 3'-5' FRAC SAND (12/20) 5'-20.5' SLOTTED 2" PVC SCREEN (0.010") 7'-17'

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/13/92 Page: 1 OF 1
 Hole No.: MH03 Casing Elevation: 4404.38' Ground Elevation: 4404.17'
 Total Depth: 18.5' No. of Compl.: 1 Rig Type: Mobile R-53 Location: Site 4
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: Dark grayish brown (10YR 3/2) silty clay, with black layer of peat at about 1'.
CS					
2					SM SILT: yellowish brown (10YR 5/4), silty, fine grained sand in a clay matrix.
CS					
4					SP SAND: yellowish brown (10YR 5/4), fine to medium grained in a silt matrix.
CS					
6					NO RECOVERY
CS					
8					SP SAND: yellowish brown (10YR 5/4), fine grained in a silt matrix.
CS					
10					SW SAND: dark brown (10YR 3/3), fine to coarse grained.
CS					
12					SW SAND: dark brown as above, medium to coarse grained, some clay.
CS					
14					SW SAND: as above with gravel.
CS					
16					SW SAND: dark brown (10YR 3/3), fine to coarse grained with minor amounts of silt, saturated.
CS					
18					NO SAMPLE TAKEN: Rat hole to set casing.
CS					
20					CONCRETE 0'-1' BENTONITE PELLETS (1/2") 1'-4' FRAC SAND (12/20) 4'-18.5' SLOTTED 2" PVC SCREEN (0.010") 6'-16'
CS					
22					
CS					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/13/92 Page: 1 OF 1
 Hole No.: MN04 Casing Elevation: 4403.69' Ground Elevation: 4404.02'
 Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 4
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ENVY	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: dark brown (10YR 4/3) silty clay.
2	CS				
4	CS				SM SILTY CLAY: brown to yellowish brown (10YR 5/3) with gray clay inclusions and black flakes of organics, dry to moist, calcareous.
6	CS				SM SILTY CLAY: as above, non calcareous.
8	CS				
10	CS				SP SAND: dark to very dark gray (7.5YR N4/-N3/), fine to medium grained, subangular, moist.
12	CS				SP SAND: dark olive gray (5Y 3/2), fine grained, compact, less moist.
14	CS				GP GRAVEL: very coarse sand to gravel, very dark gray (7.5YR 4/N), wet to saturated, angular to subangular.
16	CS				
18					
20					CONCRETE 0'-2' BENTONITE PELLETS (1/2") 2'-4.5' FRAC SAND (12/20) 4.5'-18' SLOTTED 2" PVC SCREEN (0.010") 6'-16'
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/13/92 Page: 1 OF 1
 Hole No.: MW05 Casing Elevation: 4403.61' Ground Elevation: 4404.58'
 Total Depth: 13' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 4
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGS Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH FEET	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					SM SILTY CLAY: yellowish brown (10YR 5/4), dry.
CS					
2					
CS					SM SILTY CLAY: yellowish brown (10YR 5/4) with lim- onite staining and black organic debris.
4					
CS					
6					CS SILTY CLAY: as above with increasing limonite staining and moisture content.
8					
CS					SW SAND: very dark gray (7.5YR 3/N3/), HNU 150ppm.
10					
CS					SP SAND: dark grayish brown (2.5Y 4/2), poorly graded. HNU <1ppm.
12					
					REFUSAL AT 13'.
14					CONCRETE 0'-1' NEAT CEMENT 6/1 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-4.5' FRAC SAND (10/20) 4.5'-13' SLOTTED 2" PVC SCREEN (0.010") 6'-11'
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/14/92 Page: 1 OF 1
 Hole No.: MW06 Casing Elevation: 4398.69' Ground Elevation: 4399.05'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB. Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					ASPHALT AND GRAVEL
2	CS				FILL: black gravel and silty fill, noticable fuel odor, HNU 3ppm.
4	CS				SM SILTY CLAY: yellowish brown (10YR 4/1), some sporadic gravel, HNU 200ppm.
6					
8	CS				SM SILTY SAND: dark gray to very dark gray, (10YR 4-3/1), moist, HNU 200ppm.
10	CS				GP GRAVEL: dark grayish brown (10YR 4/2) sand with gravel, moist, HNU 30ppm.
12	CS				SW SAND: dark grayish brown (10YR 4/2), medium to coarse grained, angular to subangular, gravels subangular, saturated.
14	CS				
16					SW SAND: as above.
18					
20					CONCRETE 0'-1.5' BENTONITE PELLETS (1/2") 1.5'-2.5' FRAC SAND (12/20), 2.5'-16' SLOTTED 2" PVC SCREEN (0.010") 4.5'-14.5'
22					
24					

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/14/92 Page: 1 OF 1
 Hole No.: MW07 Casing Elevation: 4397.90' Ground Elevation: 4398.25'
 Total Depth: 14.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					ASPHALT AND GRAVEL
2	CS				FILL: dark gray (10YR 4/1), silty clay, dry, HNU 20 ppm.
4	CS				SM SILTY CLAY: dark gray, black organic content, HNU 250ppm.
6					SM SILTY CLAY: dark gray, HNU 250-300ppm.
8	CS				SW SAND: very dark gray (7.5YR N/3), fine to coarse grained with some gravel. Moist to wet with free product.
10	CS				SW SAND: as above, dark brown (10YR 4/3).
12	CS				SW SAND: dark brown (7.5YR 4/3), fine to medium grained.
					SW SAND: as above, becoming medium to coarse grained.
14					SP SAND: dark gray (10YR 4/1), coarse grained.
16					CONCRETE 0'-1'
					NEAT CEMENT, 6/1, 1'-2.5'
					BENTONITE PELLETS (1/2") 2.5'-3.2'
					FRAC SAND (10/20), 3.2'-14.5'
18					SLOTTED 2" PVC SCREEN (0.010") 4'-14'
20					
22					
24					

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/15/92 Page: 1 OF 1
 Hole No.: MH08 Casing Elevation: 4399.21' Ground Elevation: 4399.37'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 2
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE DRY	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
2					
4					FILL: unconsolidated brown fill, silty clay, sand, and gravel.
6					
8	CS				SW SAND: very dark gray (7.5YR N3/), fine to medium grained, subangular, wet.
10	CS				SW SAND: very dark grayish brown (2.5Y 3/2), medium to coarse grained, with gravel.
12					
14	CS				SW SAND: very dark gray (7.5YR N3/), fine to coarse grained, less gravel.
16					NO SAMPLE OVERDRILL FOR CASING INSTALLATION.
18					CONCRETE 0'-1' NEAT CEMENT, 5/1, 1'-2' BENTONITE PELLETS (1/2"), 2'-3' FRAC SAND (10/20), 3'-16' SLOTTED 2" PVC SCREEN (0.010") 4'-14'
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: S.M. SMITH Date: 11/15/92 Page: 1 OF 1
 Hole No.: MW09 Casing Elevation: 4401.97' Ground Elevation: 4402.80'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 2
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
CS					FILL: light gray brown, large pebbles, with clayey silt and sand.
2					
CS					SM CLAYEY SILT: very dark gray (7.5YR N3/), grading to dark brown (7.5YR 4/4), dry, friable, limonite at 4.0', increasingly silty with limonite staining, occasional large cobbles.
4					
CS					
6					
CS					SW SAND: very dark gray (5Y 3/1), well graded, poorly cemented, clay matrix, occasional quartz grains and cobbles, damp to wet with depth.
8					
CS					
10					Cobble at 10', removed sampler, refusal at 11', skid rig 5'. Drilling without sampler to reach TD, very slow drilling.
12					
CS					SW SAND: dark olive gray (5Y 3/2), fine to coarse grained, subangular to subrounded, logged from cuttings.
14					
16					
18					CONCRETE 0'-1' NEAT CEMENT, 6/1, 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-3' FRAC SAND (10/20), 3'-16' SLOTTED 2" PVC SCREEN (0.010") 3'-16'
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/16/92 Page: 1 OF 1
 Hole No.: MN10 Casing Elevation: 4400.79' Ground Elevation: 4400.85'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: Dark brown (10YR 4/3) silty clay.
CS					
2					SM SILTY CLAY: yellowish brown (10YR 5/4), mottled with light gray silty clay, abundant limonite staining.
CS					
4					
6					SM SILTY CLAY: as above, becoming moist.
CS					
8					SP SAND: dark olive gray (5Y 3/2), fine grained, silty.
CS					
10					SP SAND: as above, moist to wet at 8.5'.
CS					
12					SW SAND: dark yellowish brown (10YR 4/4), fine to coarse grained, becoming coarser with depth.
CS					
14					SW SAND: as above, with occasional gravel to cobble size rocks.
CS					
16					NO SAMPLE TAKEN, OVERDRILL FOR CASING INSTALLATION
					CONCRETE 0'-1' NEAT CEMENT, 6\1, 1'-2' BENTONITE PELLETS (1/2") 2'-2.5' FRAC SAND (12/20), 2.5'-16' SLOTTED 2" PVC SCREEN (0.010") 3'-13'
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/16/92 Page: 1 OF 1
 Hole No.: MW11 Casing Elevation: 4400.09' Ground Elevation: 4400.58'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile R-53 Location: Site 2
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0				CONCRETE
2	CS			SW SAND: dark yellowish brown (10YR 4/4), fine to coarse grained, angular to subangular, moist.
4	CS			SM SILTY CLAY: dark grayish brown (10YR 4/2).
6	CS			SM SILTY SAND: very dark grayish brown (10YR 3/2), with gravel and cobbles, some zones of limonite staining, moist, one broken cobble showed evidence of fuel staining, HNU 1.4ppm.
8	CS			ROCK STUCK IN SAMPLER NO RECOVERY.
10				SW SAND: very dark gray (10YR 3/1), fine to coarse grained with some gravel, sample logged from cuttings as center bit was used to penetrate gravel zones.
12	CS			SW SAND: very dark grayish brown (10YR 3/2), fine to coarse grained sand with occasional gravels.
14	CS			
16				CONCRETE 0'-1' NEAT CEMENT, 6\1, 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-3' FRAC SAND (10/20), 3'-16' SLOTTED 2" PVC SCREEN (0.010") 4'-14'
18				
20				
22				
24				

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/17/92 Page: 1 OF 1
 Hole No.: MW12 Casing Elevation: 4402.50' Ground Elevation: 4402.86'
 Total Depth: 18.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 13
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					ASPHALT
2					FILL: dark reddish brown (2.5Y 3/4), gravelly.
4	CS				SM SILTY SAND: yellowish brown (10YR 5/6), grading to silty clay, firm, slightly moist.
6	CS				SP SAND: very dark gray (7.5YR N3/), fine grained, moderately dense, moist.
8	CS				
10	CS				SP SAND: dark olive brown (2.5Y 4/4), fine to medium grained, loose, saturated.
12	CS				SP SAND: as above.
14	CS				SW SAND: dark olive brown (2.5Y 4/4), medium graine grading to coarse sand and gravel, loose, saturated.
16					
18					NO SAMPLE TAKEN HOLE WAS OVERDRILLED TO ACCOMODATE FOR HEAVING SANDS PRIOR TO CASING INSTALLATION.
20					CONCRETE 0'-1' NEAT CEMENT 6" 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-4' FRAC SAND (10/20) 4'-18.5' SLOTTED 2" PVC SCREEN (0.010") 6'-16'
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/17/92 Page: 1 OF 1
 Hole No.: MW13 Casing Elevation: 4402.48' Ground Elevation: 4402.98'
 Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 13
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					ASPHALT
2					
4					
6					FILL: dark brown (7.5YR 4/3), many gravel to cobble size rocks, firm, becoming moist at 8', sample logged from cuttings.
8					
10					
12	CS				SW SAND: dark olive brown (2.5Y 4/4), fine to coarse grained, angular to subangular, loose, saturated.
14	CS				SW SAND: as above, moderately dense, occasional pebbles to cobbles.
16					
18					NO SAMPLE TAKEN, HOLE WAS OVERDRILLED TO ACCOMODATE FOR HEAVING SANDS PRIOR TO CASING INSTALLATION.
20					CONCRETE 0'-1.5' NEAT CEMENT, 6/1, 1.5'-2.5' BENTONITE PELLETS (1/2") 2.5'-4' FRAC SAND (10/20), 4'-15.5' SLOTTED 2" PVC SCREEN (0.010") 6'-15.5' NATIVE FILL 15.5'-18'
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/17/92 Page: 1 OF 1
 Hole No.: MM14 Casing Elevation: 4402.13' Ground Elevation: 4402.73'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile R-53 Location: Site 13
 Auger Size: R" 0.0 Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					ASPHALT
2					FILL: dark brown (7.5YR 4/3), silty, sandy with cobbles, dry to moist, hard drilling conditions, logged from cuttings.
4					
6					SP SAND: very dark grayish brown (2.5Y 3/2), fine grained, moderately dense, moist.
8	CS				SP SAND: olive brown (2.5Y 4/3), fine grained, less moist, dense.
10	CS				SP SAND: very dark gray, fine to medium grained, wet, moderately loose.
12	CS				SW SAND: olive brown, medium to coarse grained, wet loose with sparse gravel.
14	CS				SW SAND: as above with increasing pebbles/gravel.
16					CONCRETE 0'-1' NEAT CEMENT, 6/1, 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-4' FRAC SAND (10/20), 4'-16' SLOTTED 2" PVC SCREEN (0.010") 5.5'-15.5'
18					
20					
22					
24					

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/18/92 Page: 1 OF 1
 Hole No.: MW15 Casing Elevation: 4402.77' Ground Elevation: 4402.75'
 Total Depth: 14.5' No. of Compl.: 1 Rig Type: Mobile R-53 Location: Site 14
 Auger Size: 8" O.D. Sample Type: 2"x2.5" Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0				
CS				FILL: dark brown (10YR 3/3), abundant gravel, numerous root hairs, dry, loose.
2				
CS				SM SILTY SAND: dark yellowish brown (10YR 4/6), some clay, very dense, abundant limonite staining slightly moist.
4				
CS				GM GRAVEL: cobbles and gravel in fine grained sand dark yellowish brown, some black organics, limonite staining, poor recovery.
6				
CS				
8				
CS				
10				SW SAND: dark brown (10YR 3/3), loose, saturated, with occasional gravel.
12				
CS				
14				NO SAMPLE: last 2' drilled with center bit because of rocks encountered at 13'.
16				
18				CONCRETE 0'-1' NEAT CEMENT, 6/1, 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-3' FRAC SAND (10/20), 3'-14.5' SLOTTED 2" PVC SCREEN (0.010") 3.5'-14.5'
20				
22				
24				

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/18/92 Page: 1 OF 1
 Hole No.: MW16 Casing Elevation: 4404.17' Ground Elevation: 4404.29'
 Total Depth: 19' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 5
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB. Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
CS					FILL: dark brown (10YR 3/3), silty, dense, dry.
2					
CS					FILL: light yellowish brown (10YR 6/4), silt, dry, friable texture.
4					
CS					
6					
CS					FILL: brown (10YR 4/3), fine to medium grained sand abundant limonite staining, increasing moisture content.
8					
CS					
10					SW SAND: yellowish brown (10YR 4/4), dense, with 1" limonite layer, moist to wet.
12					
CS					SP SAND: dark yellowish brown (10YR 4/4), fine grained.
14					
CS					GP GRAVEL: dark yellowish brown coarse sand and gravel, very loose, saturated.
16					
CS					
18					NO SAMPLES TAKEN, HOLE OVERDRILLED FOR HEAVING SANDS PRIOR TO CASING INSTALLATION.
20					CONCRETE 0'-1' NEAT CEMENT, 6/1, 1'-3' BENTONITE PELLETS (1/2") 3'-4.5' FRAC SAND (10/20), 4.5'-19' SLOTTED 2" PVC SCREEN (0.010") 6.5'-16.5'
22					
24					

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/18/92 Page: 1 OF 1
 Hole No.: MW17 Casing Elevation: 4402.81' Ground Elevation: 4402.74'
 Total Depth: 15' No. of Compl.: 1 Rig Type: Mobile R-53 Location: Site 5
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE DRY	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
CS					FILL: black (2.5Y N2/), silty, gravelly fill, heavy petroleum odor, dense, dry, HNU 100ppm.
2					
CS					SM CLAYEY SILT: light olive brown (2.5Y 5/4), heavy petroleum odor, moderately dense, blocky structure, dry to slightly moist, HNU 200ppm.
4					
CS					
6					SM CLAYEY SILT: black (5Y 2.5/2), with medium grained sand and occasional cobbles, some evidence of limonite staining.
8					
CS					
10					SW SAND: very dark olive gray (5Y 3/2), fine fine to medium grained, with occasional gravel, wet, loose, becoming siltier at 10'.
CS					
12					
CS					SW SAND: olive (5Y 4/3), medium to coarse sand with occasional gravel, loose, HNU 10ppm.
14					
CS					
16					CONCRETE 0'-1' NEAT CEMENT, 6/1, 1'-2.5' BENTONITE PELLETS (1/2") 2.5'-3' FRAC SAND (10/20) 3'-15' SLOTTED 2" PVC SCREEN (0.010") 4'-14'
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/19/92 Page: 1 OF 1
 Hole No.: MW18 Casing Elevation: 4402.76' Ground Elevation: 4402.80'
 Total Depth: 16.5' No. of Compl.: 1 Rig Type: Mobile R-53 Location: Site 14
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INCH	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
CS					FILL: dark brown (10YR 3/3), dry, moderately dense, with gravel.
2					
CS					SM SILTY CLAY: dark yellowish brown (10YR 4/4), slightly moist, friable.
4					
CS					
6					SW SAND: dark olive brown (2.5Y 4/4), fine to medium grained, moderately loose with occasional gravel distinct petroleum odor, HNU 100ppm.
8					
CS					
10					SW SAND: as above, increasing moisture content with depth, HNU 17ppm.
12					
CS					GP GRAVEL: matrix yellowish brown (10YR 4/4), medium to coarse grained sand, saturated.
14					
CS					GP GRAVEL: as above medium to coarse grained sand with gravel to cobble size rocks, logged from cuttings as center bit used to drill.
16					
18					CONCRETE 0'-1' NEAT CEMENT, 6/1, 1'-2.3' BENTONITE PELLETS (1/2") 2.3'-3' FRAC SAND (10/20), 3'-16.5' SLOTTED 2" PVC SCREEN (0.010") 4.5'-14.5'
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: C.A. Muhr Date: 11/19/92 Page: 1 OF 1
 Hole No.: HW19 Casing Elevation: 4404.11' Ground Elevation: 4404.26'
 Total Depth: 18.5' No. of Comp.: 1 Rig Type: Mobile B-53 Location: Site 13
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 12/15/92

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
CS					FILL: dark yellowish brown (10YR 4/4), silty with gravel at surface.
2					
CS					SM CLAYEY SILT: yellowish brown (10YR 5/4), very dense, slightly moist.
4					
CS					SW SAND: dark yellowish brown (10YR 3/4), fine to coarse grained sand with gravel, increasing moisture content, abundant limonite staining.
6					
CS					SM SILT: gray (10YR 5/1), dense to very dense, abundant limonite staining, moist.
8					
CS					SW SAND: dark yellowish brown (10YR 3/4), fine to coarse grained, loose, some limonite stain.
10					
CS					SP SAND: dark olive brown (2.5Y 4/4), fine grained, loose to moderately loose, saturated.
12					
CS					
14					
CS					SP SAND: as above, flowing sands.
16					
CS					
18					
					CONCRETE 0'-1' NEAT CEMENT, 6\1, 1'-3' BENTONITE PELLETS (1/2") 3'-4' FRAC SAND (10/20), 4'-18.5' SLOTTED 2" PVC SCREEN (0.010") 6.5'-16.5'
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 11/30/92 Page: 1 OF 1
 Hole No.: MW20 Casing Elevation: 4403.05' Ground Elevation: 4403.14'
 Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 3
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ENVY	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: light gray gravelly sand, unconsolidated, dry.
2	CS				SM SILT: light olive brown (2.5YR 5/4), mottled light gray, dense, consolidated, sandy, dry.
4	CS				SW SAND: light gray, mottled dark olive brown, fine grained to coarse grained, subangular to subrounded, abundant gravel, damp, occasional gravel to 7 cm, abundant limonite staining. Increasing clay content, becoming predominately medium grained.
6	CS				SP SAND: very dark grayish brown (2.5Y 3/2), fine grained, subrounded, moist, clayey-moderately plastic, trace gravel. Becoming (2.5Y 4/0), medium grained.
8	CS				CS SILTY CLAY: olive brown (2.5Y 4/4), moist, plastic, interbedded with gray sand.
10	CS				SW SAND: dark gray, coarse grained (cL-vcl), subangular to subrounded, wet, loose, abundant gravel 2 to 8 cm.
12	CS				SP SAND: gray brown, medium grained, rounded, moist.
14	CS				SW SAND: gray brown, coarse grained (cL-vcl), wet, subrounded, occasional cobble to 9 cm.
16	CS				SW SAND: gray brown, medium to coarse grained, subrounded to rounded, wet, occasional fine to gravel 2 cm.
18					
20					CONCRETE 0-2' GENTONITE PELLETS (1/2") 2'-4' FRAC SAND (12/20) 4'-18' SLOTTED 2" PVC SCREEN (0.010") 6'-16'
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/01/92 Page: 1 OF 1
 Hole No.: MW21 Casing Elevation: 4403.29' Ground Elevation: 4403.44'
 Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile 8-53 Location: Site 3
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous, Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: pale gray sandy silt, unconsolidated, dry, occasional fine gravel.
CS					
2					SM SILT: light gray, dense, white calcareous stringers, calcareous matrix, dry. Becoming very pale brown, concave bedding lamina, fissile carbonaceous stringers, carbonaceous material, limonite staining.
CS					
4					SW SAND: light gray, mottled olive brown, fine grained to coarse grained, angular to subrounded, trace gravel, damp, clayey matrix.
CS					
6					SW SAND: yellowish brown (10YR 4/4), medium grained rounded, damp, limonite staining, occasional gravel. Increasing gravel to 7 cm with weathered granite fragment to 7 cm.
CS					
8					
CS					
10					SP SAND: very dark grayish brown (2.5Y 3/2), medium grained, subrounded, clayey, plastic, wet, consolidated, medium stiff, trace gravel.
CS					
12					
CS					
14					SW SAND: gray brown, coarse grained (CL-vcl), subangular to rounded, abundant gravel and occasional cobble to 9 cm. Becoming clayey, consolidated, laminated bedding mottled grayish green (5G 4/2) to dark blue gray (5B 4/1).
CS					
16					SW SAND: gray brown, fine to coarse grained (L), subangular to rounded, loose, saturated, abundant pyrite grains, abundant gravel to 7.25 cm.
CS					
18					
					CONCRETE 0-2' BENTONITE PELLETS (1/2") 2'-4' FRAC SAND (12/20) 4'-18' SLOTTED 2" PVC SCREEN (0.010") 6'-16'
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/01/92 Page: 1 OF 1
 Hole No.: MW22 Casing Elevation: 4404.65' Ground Elevation: 4405.05'
 Total Depth: 21.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Airport parking lot
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous. Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					Asphalt parking lot 8" thick.
2	CS				No sample recovery.
4	CS				CS SILTY CLAY: pale brown (10YR 6/3), consolidated, stiff, damp, plastic, becoming yellow brown (10YR 5/4), occasional carbonaceous nodules to 3 mm in length, with a set of off-white, cross-bedded sand.
6	CS				SW SAND: gray brown, fine to medium grained, subrounded, clayey-plastic, occasional limonite staining, moist, gravel to 5 cm.
8	CS				Becoming dark grayish brown (2.5Y 3/2), medium grained, abundant limonite staining, occasional gravel to 3 cm.
10	CS				SM SILT: bluish gray (5B 5/1), sandy, damp, consolidated, slightly laminated.
12	CS				SP SAND: dark greenish gray (5G 4/1), fine grained, occasional limonite staining. With 2.5 cm thick lenses of gray to brown silty sand, medium grained, black Fe staining at 12'.
14	CS				SW SAND: gray brown, medium to coarse grained, subangular to subrounded, saturated, loose, abundant gravel to 7.5 cm, saturated, occasional gravel to 3 cm.
16					CONCRETE 0'-2' BENTONITE PELLETS (1/2") 2'-4' FRAC SAND (12/20), 4'-21.5' SLOTTED 2" PVC SCREEN (0.010") 6'-16'
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/01/92 Page: 1 OF 1
 Hole No.: MW23 Casing Elevation: 4399.40' Ground Elevation: 4399.72'
 Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile B-53 Location: South of Site 7
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					No sample recovery.
2	CS				
4	CS				SM SILT: very dark gray (7.5YR N3/), mottled black, stiff, damp, blocky, laminated, abundant organic material (roots), low angle sand stringers, trace gravel to 2.3 cm.
6	CS				SP SAND: medium gray (2.5Y N5/), mottled green and brown, fine grained.
8	CS				CS SILTY CLAY: dark greenish gray (5G 4/1), mottled green and gray, stiff, damp, trace organic material (roots), trace carbonaceous material.
10	CS				CS CLAYEY SILT: dark greenish gray (5GY 4/1), moist, high plasticity, medium stiff, abundant gravel to 5.5 cm, occasional organic material, occasional carbonaceous material.
12	CS				SP SAND: dark gray, mottled brown, medium grained, subangular, moist, trace gravel to 3 cm.
14	CS				SP SAND: brown to gray brown, medium grained, angular to subangular, consolidated, occasional light brown gypsiferous nodules 1 to 5 mm long in a 4 mm laminated bed.
16					SW SAND: brown to gray brown, fine to coarse grained, subangular, dense, wet, gypsiferous nodules 9 mm, abundant pyrite grains.
18					NO SAMPLE - RAT HOLE FOR CASING
20					CONCRETE 0'-1'
22					BENTONITE PELLETS (1/2") 1'-3'
24					FRAC SAND (12/20) 3'-18'
					SLOTTED 2" PVC SCREEN (0.010") 5'-15'

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/02/92 Page: 1 OF 1
 Hole No.: MW24 Casing Elevation: 4398.67' Ground Elevation: 4398.89'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Downgradient of S7
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					FILL: sandy gravel, fine to coarse, dry, unconsolidated.
CS					
2					CS SILTY CLAY: dark gray (10YR 4/1), mottled black, dense, slightly damp, black organic rich layer at 2.5 ft.
CS					SM SILT: pale gray, consolidated, slightly damp, blocky, very stiff, homogeneous.
4					CL CLAY: brown (10YR 5/3), damp, dense, very stiff, trace organic material (roots).
6					CL CLAY: medium gray (2.5Y N5/), mottled brown and dark green, stiff, moist, trace organic material.
8					Increasing sand and silt, mottled dark green, increasing moisture, increasing organic material.
CS					SW SAND: very dark gray (2.5Y N3/), medium to coarse grained (ML-CL), subangular to subrounded wet, clayey-plastic.
10					CS CLAYEY SILT: dark green, gray-green, medium stiff, plastic, moist, occasional gravel to 1.5 cm.
CS					SP SAND: brown, medium grained, subrounded, loose, saturated, occasional pyrite grains.
12					SP SAND: As above, occasionally grayish, more consolidated, scattered light brown gypsiferous nodules to 5 mm.
CS					
14					SW SAND: gray, medium to coarse grained (U-vcu), subrounded, clean, occasional gravel to 6 cm, cobble to 8 cm, wet.
CS					
16					CONCRETE 0'-1' BENTONITE PELLETS (1/2"), 1'-3' FRAC SAND (12/20), 3'-16' SLOTTED 2" PVC SCREEN (0.010") 5'-15'
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/05/92 Page: 1 OF 1
 Hole No.: MM25 (BH27) Casing Elevation: 4397.78' Ground Elevation: 4398.19'
 Total Depth: 14.5' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Site 7
 Auger Size: 8" O.D. Sample Type: 2"x2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					
CS					
2					No sample taken, augered to 3.5 ft.
CS					
4					CL CLAY: dark greenish gray (5GY 4/1), mottled dark green, damp, blocky, occasional organic material (roots), fuel odor.
6					Increasing silt, medium gray to dark greenish gray (5BG 4/1), stiff, moist, dark fuel stains, carbonized root remains, occasional carbonaceous material.
CS					
8					SP SAND: very dark gray (2.5Y N3/), medium grained, subangular to rounded, clayey-plastic, loose, saturated, trace organic material, becoming fine grained, dark greenish gray (5G 4/1), slight fuel odor.
CS					
10					SP SAND: brown (10YR 5/3), medium grained, subrounded, saturated, abundant light brown gypsum nodules 1 to 4 mm, thinly laminated brown, yellow, and black bedding, becoming cohesive at 10 ft.
CS					
12					
CS					SW SAND: dark gray, medium to coarse grained, saturated, occasional gravel to 4 cm.
14					
16					
18					NOTE: Monitor well 25 was completed in borehole 27.
20					
22					
24					

BENTONITE PELLETS (1/2") 0'-1.5'
 FRAC SAND (12/20) 1.5'-14.5'
 SLOTTED 2" PVC SCREEN (0.010") 3'-13'

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eckel Date: 10/17/92 Page: 1 OF 1
 Hole No.: PZ01 Casing Elevation: 4405.49' Ground Elevation: 4405.81'
 Total Depth: 17' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Basewide
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1'
					BENTONITE PELLETS (1/2") 7'-9'
					FRAC SAND (12/20) 9'-17'
					SLOTTED 2" PVC SCREEN (0.010") 11'-16'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/17/92 Page: 1 OF 1
 Hole No.: PZ02 Casing Elevation: 4401.12' Ground Elevation: 4401.20'
 Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile R-53 Location: North of S2
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: <u>D.B. Ertel</u>		Date: <u>10/18/92</u>		Page: <u>1 OF 1</u>	
Hole No.: <u>P203</u>		Casing Elevation: <u>4398.62'</u>		Ground Elevation: <u>4399.06'</u>	
Total Depth: <u>18.5'</u>		No. of Compl.: <u>1</u>		Rig Type: <u>Mobile R-53</u>	
Auger Size: <u>8" O.D.</u>		Sample Type: _____		Location: <u>West of apron</u>	
Project: <u>NANGS Reno</u>		Date Verified By: <u>F.G. Gardner</u>		Date: <u>3/5/93</u>	

DEPTH FEET	TIME	DATE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 5'-8'
					FRAC SAND (12/20) 8'-16'
					SLOTTED 2" PVC SCREEN (0.010") 11'-16'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/18/92 Page: 1 OF 1
 Hole No.: P704 Casing Elevation: 4401.09' Ground Elevation: 4401.43'
 Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile B-53 Location: SE of bldg. 1
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE SIZE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 7'-9'
					FRAC SAND (12/20) 9'-16'
					SLOTTED 2" PVC SCREEN (0.010") 11'-16'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: <u>D. B. Eitel</u>		Date: <u>10/18/92</u>		Page: <u>1 OF 1</u>	
Hole No.: <u>P205</u>		Casing Elevation: <u>4397.28'</u>		Ground Elevation: <u>4397.59'</u>	
Total Depth: <u>16'</u>		No. of Combs: <u>1</u>		Rig Type: <u>Mobile B-53</u>	
Auger Size: <u>8" O.D.</u>		Sample Type: _____		Location: <u>SE corner of apron</u>	
Project: <u>NANGB, Reno</u>		Data Verified By: <u>F. G. Gardner</u>		Date: <u>3/5/93</u>	

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INFO	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 7'-9'
					FRAC SAND (12/20) 9'-16'
					SLOTTED 2" PVC SCREEN (0.010") 11'-16'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/18/92 Page: 1 OF 1
 Hole No.: P206 Casing Elevation: 4397.23' Ground Elevation: 4397.34'
 Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile B-53 Location: Edge of apron
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE DATE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 5.3'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Well Summary Information

Prepared By: <u>D.B. Ertel</u>		Date: <u>10/19/92</u>		Page: <u>1 OF 1</u>	
Hole No.: <u>PZ07</u>		Casing Elevation: <u>4403.53'</u>		Ground Elevation: <u>4403.95'</u>	
Total Depth: <u>16.5'</u>		No. of Compl.: <u>1</u>		Rig Type: <u>Mobile B-53</u>	
Auger Size: <u>8" O.D.</u>		Sample Type: <u></u>		Location: <u>NE part of base</u>	
Project: <u>NANG8, Reno</u>		Date Verified By: <u>F.G. Gardner</u>		Date: <u>3/5/93</u>	

DEPTH (FEET)	TYPE	DATE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 7'-9'
					FRAC SAND (12/20) 9'-16.5'
					SLOTTED 2" PVC SCREEN (0.010") 11'-16'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Fite Date: 10/19/92 Page: 1 OF 1
 Hole No.: P208 Casing Elevation: 4404.44' Ground Elevation: 4404.51'
 Total Depth: 15.5' No. of Comp.: 1 Rig Type: Mobile B-53 Location: 75' NW of entrance
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB. Reng Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH FEET	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 5'-7.4'
					FRAC SAND (12/20) 7.4'-15.5'
					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/19/92 Page: 1 OF 1
 Hole No.: PZ09 Casing Elevation: 4403.28' Ground Elevation: 4403.43'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: E of S3
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/19/92 Page: 1 OF 1
 Hole No.: PZ10 Casing Elevation: 4403.88' Ground Elevation: 4404.15'
 Total Depth: 15' No. of Compl.: 1 Rig Type: Mobile B-53 Location: North of SS
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 6'-8'
					FRAC SAND (12/20) 8'-15'
					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eitel Date: 10/20/92 Page: 1 OF 1
 Hole No.: PZ11 Casing Elevation: 4404.00' Ground Elevation: 4403.85'
 Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile B-53 Location: East of S5
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGS Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 5.5'-7.5'
					FRAC SAND (12/20) 7.5'-16'
					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/20/92 Page: 1 OF 1
 Hole No.: P212 Casing Elevation: 4404.85' Ground Elevation: 4404.80'
 Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile B-53 Location: Airport parking lot
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INFO	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: <u>D. R. Ertel</u>		Date: <u>10/20/92</u>		Page: <u>1 OF 1</u>	
Hole No.: <u>P213</u>		Casing Elevation: <u>4405.72'</u>		Ground Elevation: <u>4405.77'</u>	
Total Depth: <u>16'</u>		No. of Compl.: <u>1</u>		Rig Type: <u>Mobile B-53</u>	
Auger Size: <u>8" O.D.</u>		Sample Type: _____		Location: <u>Basewide</u>	
Project: <u>NANGB Reno</u>		Data Verified By: <u>F. G. Gardner</u>		Date: <u>3/5/93</u>	

DEPTH FEET	SAMPLE TYPE	SAMPLE SIZE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 5.8'-8'
					FRAC SAND (12/20) 8'-16'
					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

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OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1
 Hole No.: P214 Casing Elevation: 4403.85' Ground Elevation: 4404.09'
 Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile B-53 Location: S of bldg 88
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH FEET	SAMPLE TYPE	SAMPLE INFO	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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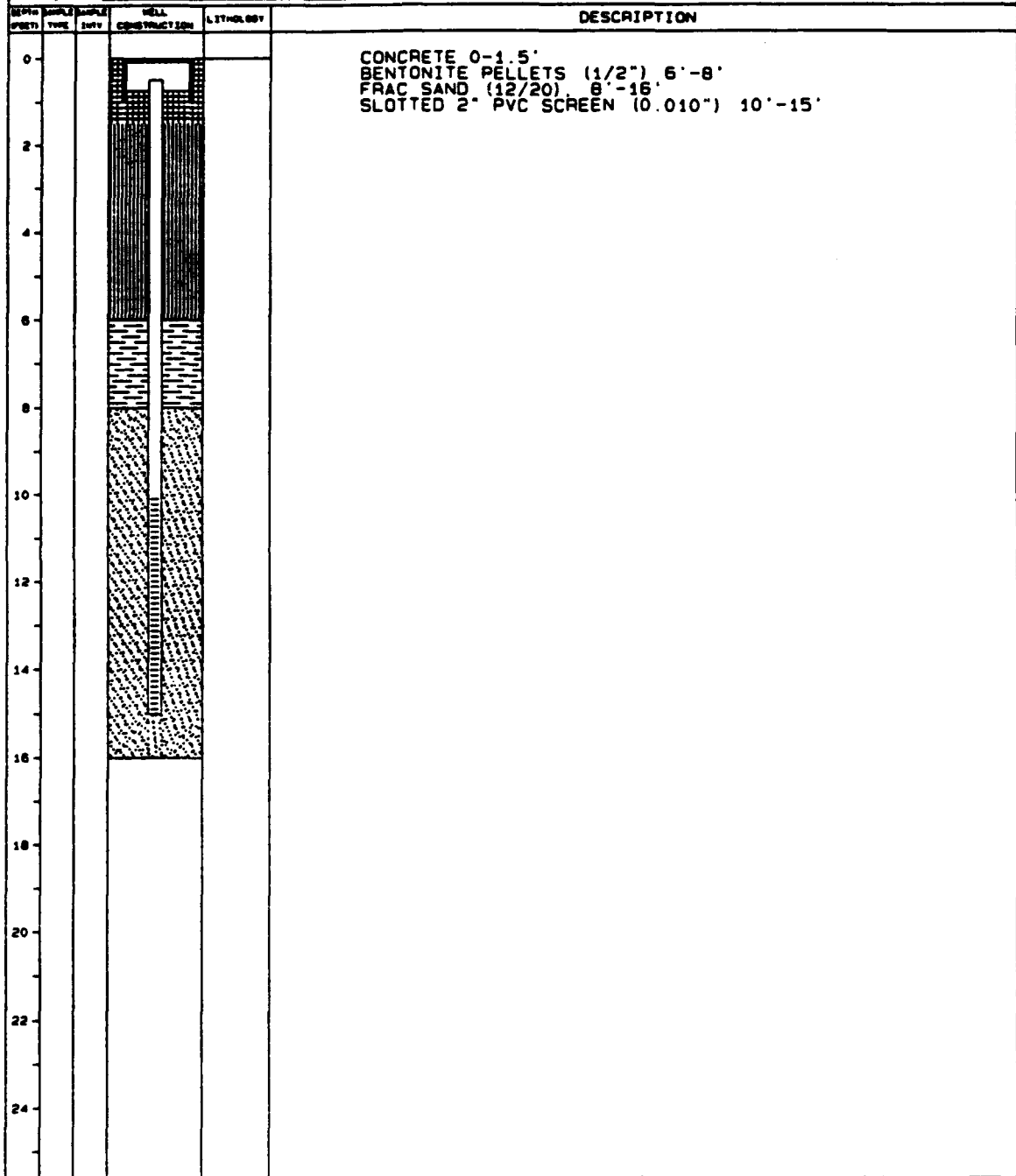
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ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1
 Hole No.: P215 Casing Elevation: 4399.55' Ground Elevation: 4399.55'
 Total Depth: 18' No. of Compl.: 1 Rig Type: Mobile R-53 Location: S7
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGS Reno Date Verified By: F.G. Gardner Date: 3/5/93



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ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1
 Hole No.: P216 Casing Elevation: 4400.13' Ground Elevation: 4400.04'
 Total Depth: 16' No. of Comps.: 1 Rig Type: Mobile R-53 Location: S of bldg 12
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGR Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	TIME	DATE	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/21/92 Page: 1 OF 1
Hole No.: PZ17 Casing Elevation: 4403.54' Ground Elevation: 4403.64'
Total Depth: 16' No. of Comp.: 1 Rig Type: Mobile B-53 Location: NE of bldg 56
Auger Size: 8" O.D. Sample Type: _____
Project: NANGB Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0			CONCRETE 0-1.5'
			BENTONITE PELLETS (1/2") 6'-8'
			FRAC SAND (12/20) 8'-16'
			SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
2			
4			
6			
8			
10			
12			
14			
16			
18			
20			
22			
24			

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Well Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D. B. Ertel Date: 10/22/92 Page: 1 OF 1
 Hole No.: PZ18 Casing Elevation: 4403.60' Ground Elevation: 4403.77'
 Total Depth: 16' No. of Combs: 1 Rig Type: Mobile R-53 Location: 54
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB, Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH FEET	SAMPLE TYPE	SAMPLE ID	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: <u>D. B. Erskel</u>		Date: <u>10/22/92</u>		Page: <u>1 OF 1</u>	
Hole No.: <u>PZ19</u>		Casing Elevation: <u>4404.41'</u>		Ground Elevation: <u>4404.30'</u>	
Total Depth: <u>15'</u>		No. of Comp.: <u>1</u>		Rig Type: <u>Mobile R-53</u>	
Auger Size: <u>8" O.D.</u>		Sample Type:		Location: <u>S4</u>	
Project: <u>NANGB Reno</u>		Data Verified By: <u>F. G. Gardner</u>		Date: <u>3/5/93</u>	

DEPTH FEET	SAMPLE TYPE	SAMPLE ID	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
					BENTONITE PELLETS (1/2") 6'-8'
					FRAC SAND (12/20) 8'-15'
					SLOTTED 2" PVC SCREEN (0.010") 10'-15'
2					
4					
6					
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Well Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 10/22/92 Page: 1 OF 1
 Hole No.: P720 Casing Elevation: 4404.25' Ground Elevation: 4404.47'
 Total Depth: 16' No. of Compl.: 1 Rig Type: Mobile B-53 Location: Rd to North gate
 Auger Size: 8" O.D. Sample Type: _____
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					CONCRETE 0-1.5'
2					BENTONITE PELLETS (1/2") 6'-8'
4					FRAC SAND (12/20) 8'-16'
6					SLOTTED 2" PVC SCREEN (0.010") 10.5'-15.5'
8					
10					
12					
14					
16					
18					
20					
22					
24					

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1
 Hole No.: BH01 Ground Elevation: _____
 Total Depth: 6' Rig Type: Mobile B-53 Location: West of S3
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB. Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE NO.	LITHOLOGY	DESCRIPTION
0				
	CS			FILL: gravelly sand, predominantly gravel, dry, unconsolidated.
2				
	CS			CS CLAYEY SILT: yellowish brown (10YR 5/4), blocky, very stiff, slightly damp, homogeneous, trace elongated carbonaceous material, trace vertical pores 1 mm.
4				
	CS			SC SANDY CLAY: medium gray (2.5Y 5/0), blocky, consolidated, very stiff, damp, predominantly fine grained sand, occasional coarse sand, abundant limonite staining, trace worm borrows.
6				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1
 Hole No.: BH02 Ground Elevation: _____
 Total Depth: 10' Rig Type: Mobile B-53 Location: S3
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGS Rang Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID	LITHOLOGY	DESCRIPTION
0				FILL: silty gravel, unconsolidated, dry.
CS				
2				CL CLAY: grayish brown (2.5Y 5/2), blocky, dry, hard, off-white disseminated calcium carbonate, calcareous matrix, occasional organic material (roots). Increasing silt, yellow brown (10YR 4/6).
CS				
4				SM SANDY SILT: grayish brown (2.5Y 5/2), hard, dry, fine to coarse grained sand, abundant limonite staining.
CS				
6				SP SAND: dark gray (2.5Y 4/0), medium grained (MU), subangular, consolidated, weathered granite fragments, abundant fine to coarse gravel to 3.5 cm, abundant limonite staining. Increasing clay content, plastic, gray-green, occasional organic material (roots).
CS				
8				SW SAND: brown gray, medium grained, subrounded, consolidated, wet, occasional organic material (roots), becoming coarse grained at 7', with an oxidized zone at 8'; dark red, black, reddish orange, and dark green.
CS				
10				SM SANDY SILT: dark greenish gray (5BG 4/1), mottled dark green, dense, damp, medium grained, occasional mica, laminated, occasional organic material (roots). SP SAND: brown gray, medium to coarse grained, subangular to subrounded, saturated, trace gravel to 2.5 cm.
12				
14				

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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1
 Hole No.: BH03 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S3
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB, Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
CS				FILL: silty, occasional gravel partially consolidated, dry.
2				
CS				SM SANDY SILT: medium gray to gray brown, blocky, hard, fine grained sand, occasional organic material (twigs and roots), occasional limonite staining, occasional gravel to 3 cm.
4				
CS				SW SAND: dark grayish brown (10YR 4/2), fine to medium grained, subangular to subrounded, consolidated, damp, trace organic material (roots), occasional limonite staining.
6				
CS				SM SANDY SILT: very dark grayish brown (2.5Y 3/2), increasing clay content, plastic, moist, fine to medium grained sand, trace organic material (roots), abundant limonite staining.
8				CS SILTY CLAY: dark greenish gray (5G 4/1), medium stiff, damp, trace gravel to 2.5 cm, weathered granite.
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/3/92 Page: 1 OF 1
 Hole No.: BH04 Ground Elevation: _____
 Total Depth: 6.5' Rig Type: Mobile B-53 Location: Airport parking lot
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				No sample taken.
2				
CS				CS CLAYEY SILT: brown (10YR 4/3), cohesive, homogeneous, medium plasticity, moist, stiff.
4				
CS				SW SAND: dark gray (2.5Y 4/0), medium grained (mL-mU), subrounded, wet, occasional organic material (roots), consolidated, trace gravel to 3.5 cm, abundant limonite staining, weathered granite fragments.
6				Increasing clay content, plastic.
CS				SP SAND: very dark gray (2.5Y 3/0) to dark yellowish brown (10YR 4/6), medium grained, subrounded, silty, moist, clayey, slightly plastic, moderately consolidated, abundant limonite staining.
				NOTE: Lost sampling equipment in hole at 6.5'. Moved 3' north and drilled BH05.
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: G.B. Ertel Date: 12/3/92 Page: 1 OF 1
Hole No.: BH05 Ground Elevation: _____
Total Depth: 7.5' Rig Type: Mobile B-53 Location: 3' north of BH04
Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
Project: NANGE Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE NO.	LITHOLOGY	DESCRIPTION
0				
				Augered to 4' before sampling.
2				
4				CS CLAYEY SILT: medium gray to yellow brown, laminated to thinly laminated bedding.
	CS			SW SAND: dark gray (7.5YR 4/0), fine to medium grained, angular to subangular, consolidated, moist, clayey, trace coarse gravel to 2.5 cm, abundant limonite staining.
6				
	CS			SM SANDY SILT: very dark gray (2.5Y 3/0), moist, clayey, slightly plastic, consolidated, increasing sand content; brown, medium grained, weathered granite fragment, trace gravel to 1 cm.
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH06 Ground Elevation: _____
 Total Depth: 6' Rig Type: Mobile B-53 Location: S5
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB, Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
CS				FILL: pale gray sandy silt, consolidated, dry. trace gravel.
2				
CS				SM SILT: pale brown, dry, limited recovery.
4				
CS				CS SILTY CLAY: dark greenish gray (5BG 4/1), high plasticity, moist.
				SP SAND: color as above, medium grained, subrounded, loose, abundant coarse gravel to 6.5 cm, strong fuel odor.
6				
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH07 Ground Elevation: _____
 Total Depth: 2' Rig Type: Mobile B-53 Location: S5
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE NO.	LITHOLOGY	DESCRIPTION
0				
				FILL: pale gray sandy silt, dry, occasional gravel.
	CS			
				SM SILT: pale gray, dense, dry, hard, occasional organic material (roots).
2				
				Auger refusal at 2'.
4				
6				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH08 Ground Elevation: _____
 Total Depth: 7' Rig Type: Mobile B-53 Location: S5
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANG8 Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE DEPT	LITHOLOGY	DESCRIPTION
0				No sample taken.
2				
CS				SP SAND: gray (2.5Y 5/0), fine grained, subrounded, dense, consolidated, damp, abundant limonite staining, trace gravel to 2.5 cm. Weathered granite fragments, gravel to 3.5 cm.
4				
CS				
5				SP SAND: dark grayish brown (2.5Y 4/2), fine grained, subrounded, clayey, plastic, abundant limonite staining, dark reddish-black oxidized zones along root cavities up to 1 cm in length.
CS				CS SILTY CLAY: medium gray mottled dark green, blocky, damp, homogeneous.
				SP SAND: gray brown, coarse grained (cL), sub-rounded, wet, becoming gray.
				Refusal at 7'.
8				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eckel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH09 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S5
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LETTERING	DESCRIPTION
0				FILL: sandy silt, occasional gravel, dry.
CS				CS CLAY: off-white, dense, dry, hardpan, calcareous, trace organic material (roots).
2				CS CLAYEY SILT: brown (7.5YR 4/2), hard, slightly damp, abundant carbonaceous material, occasional gravel to 2 cm, abundant limonite staining, trace organic material. Becoming sandy, fine grained, moderately consolidated, gravel to 3 cm.
4				SP SAND: olive brown (2.5Y 4/4), fine grained, moist, loose, trace gravel to 3 cm.
6				CS SILTY CLAY: dark blue gray (5B 4/1), blocky, damp, fissile, trace mica, trace organic material.
8				SP SAND: gray brown, medium to coarse grained, subangular to subrounded, wet, occasional gravel to 3.75 cm.
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH10 Ground Elevation: _____
 Total Depth: 10' Rig Type: Mobile B-53 Location: S5
 Auger Size: 6" O.D. Sample Type: 2.5' x 2.5' Split-Spoon (California method)
 Project: NANGS Range Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
	CS			FILL: pale gray gravelly silt, unconsolidated, dry, gravel to 3 cm.
2				
	CS			CL CLAY: off-white, dense, dry, consolidated, off-white disseminated calcium carbonate, calcareous matrix, trace organic material.
4				
	CS			SM SILTY SAND: yellow brown to gray brown, mottled pale gray, fine grained, subrounded, dry, hard, consolidated, occasional gravel to 2 cm.
6				
	CS			Becoming moist, abundant limonite staining.
8				
	CS			SP SAND: dark gray (7.5YR 4/0) to dark grayish brown (2.5Y 4/2), medium grained, subrounded, loose, wet, occasional gravel.
10				
	CS			SC CLAYEY SAND: dark gray mottled, dark greenish gray (5BG 4/1), fine grained, subrounded, consolidated, blocky, moist.
12				
14				
				SP SAND: brown, coarse grained, subrounded, saturated, trace gravel to 4.5 cm.

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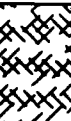
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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: <u>D.B. Ertel</u>		Date: <u>12/4/92</u>	Page: <u>1 OF 1</u>
Hole No.: <u>BH11</u>		Ground Elevation: _____	
Total Depth: <u>4'</u>		Rig Type: <u>Mobile B-53</u>	Location: <u>S4</u>
Auger Size: <u>6" O.D.</u>		Sample Type: <u>2.5" x 2.5' Split-Spoon (California method)</u>	
Project: <u>NANGB Reno</u>		Date Verified By: <u>F.G. Gardner</u>	Date: <u>3/5/93</u>

DEPTH (FEET)	SAMPLE TYPE	SAMPLE BOX	LETHOLBY	DESCRIPTION
0	CS			FILL: brown silt, moist, occasional organic material (roots), trace gravel.
2				
4				Hit sprinkler line at 4'.
6				

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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eitel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH12 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile R-53 Location: S4
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE SOFT	LITHOLOGY	DESCRIPTION
0				
	CS			FILL: yellow brown sand, abundant gravel, slightly damp, becoming dark brownish gray silt, dense, dry, with occasional gravel.
2				
	CS			CS SILTY CLAY: yellowish brown (10YR 5/6), mottled brown, damp, very stiff, occasional organic material (roots), occasional limonite staining, occasional carbonaceous material.
4				
	CS			SP CLAYEY SAND: dark yellowish brown (10YR 4/6) to gray, fine grained, subrounded, moist, abundant organic material (roots), abundant carbonaceous material.
6				
	CS			SP CLAYEY SAND: as above, dark yellowish brown (10YR 4/4), homogeneous, highly plastic.
				CS SILTY CLAY: dark gray, moist, plastic, consolidated, strong fuel odor.
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Fretel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH13 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S4
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
CS				FILL: yellow brown sand, abundant gravel, slightly damp, becoming dark brownish gray silt, dense, dry, with occasional gravel.
2				
CS				CS CLAYEY SILT: yellowish brown (10YR 5/6), damp, moderately consolidated, homogeneous, white calcareous laminae.
4				
CS				Becoming sandy, fine grained, consolidated, trace organic material, moist, occasional carbonaceous material, occasional limonite staining.
6				
CS				Increasing clay content, light gray, moist, abundant limonite staining.
8				
CS				CS SILTY CLAY: dark gray, moist, plastic, consolidated, fuel odor.
10				

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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH14 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S4
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE NO.	LENDING	DESCRIPTION
0				
CS				FILL: yellow brown gravelly sand, damp, becoming dark brownish gray silt, dense, dry, occasional limonite staining, occasional organic material.
2				
CS				SM SILT: yellowish brown (10YR 5/4), damp, medium stiff, homogeneous.
4				
CS				SP SAND: gray to yellowish brown (10YR 5/4), fine grained, subrounded, trace organic material, abundant carbonaceous material, moist, consolidated.
6				
CS				SW SAND: dark gray, fine to medium grained, rounded, consolidated, wet, clayey, occasional gravel, fuel odor.
8				
10				

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B-65

Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.R. Erbe Date: 12/4/92 Page: 1 OF 1
 Hole No.: BH15 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S4
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
	CS			FILL: brown silty sand, damp, consolidated, occasional organic material.
2				
	CS			CS CLAYEY SILT: brown (10YR 4/3), moist, consolidated, white calcareous laminae, trace organic material, trace limonite staining.
4				
	CS			Mottled light gray, increasing sand, fine grained.
6				
	CS			CS CLAYEY SILT: as above, medium gray to yellowish brown (10YR 5/4), plastic, moist, consolidated, sandy, fine grained.
8				
10				

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B-66

Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH16 Ground Elevation: _____
 Total Depth: 10' Rig Type: Mobile B-53 Location: S13
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE DIAG	LITHOLOGY	DESCRIPTION
0				
CS				No sample taken.
2				
CS				FILL: brown gravelly sand, silty, loose, slightly damp, occasional gravel.
4				
CS				SC CLAYEY SAND: yellowish brown (10YR 5/4), fine grained, subrounded, blocky, moist, abundant limonite staining, abundant carbonaceous material, trace gravel to 3.5 cm.
6				
CS				SP SAND: dark gray (2.5Y 4/0), medium grained (mL), subangular, loose, moist.
8				Becoming gray brown, well graded (fU-CL), wet.
CS				SP SAND: dark gray, medium grained (mL), subangular, loose, saturated.
10				
12				
14				

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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH17 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S13
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				Asphalt 0'-1', no sample taken.
2	CS			FILL: dark brown gray to off white sandy gravel, damp, unconsolidated gravel.
4	CS			CS SILTY CLAY: olive brown (2.5Y 4/3), soft, moist, blocky, abundant limonite staining, occasional carbonaceous material, trace gravel to 1 cm.
6	CS			
8	CS			SP SAND: medium gray to dark grayish brown (2.5Y 4/2), fine grained, subrounded, wet, moderately consolidated, trace organic material (roots), trace limonite staining.
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH18 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S13
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB, Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				Asphalt 0'-1'. no sample taken.
2	CS			FILL: dark gray clay to silty gravel, damp, unconsolidated gravel.
4	CS			CS SILTY CLAY: pale gray to yellowish brown (10YR 5/4) mottled dark brown, plastic, damp, cohesive, occasional limonite staining.
6	CS			SP SAND: olive brown (2.5Y 4/3), fine grained, subangular, loose, moist, trace carbonaceous material, trace pyrite grains, trace gravel to 1 cm.
8	CS			SP SAND: dark greenish gray (5BG 4/1) to dark blue gray (5B 4/1), fine grained, subangular to subrounded, dense, wet, trace pores to 1 mm with concentric limonite staining; becoming dark gray, medium grained, occasional mica grains, homogeneous, trace organic material (roots).
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH19 Ground Elevation: _____
 Total Depth: 4' Rig Type: Mobile B-53 Location: S13
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				No sample taken 0-1'.
	CS			FILL: silty gravel, predominantly small gravel, slightly damp, unconsolidated.
2				
	CS			No sample recovered.
4				Refusal at 4'.
6				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH20 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S13 near bldg 19
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB, Rend Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
				No sample taken.
2				
				No sample taken.
4				
	CS			SP SAND: dark grayish brown (2.5Y 4/2), fine grained, subangular, clayey, plastic, occasional limonite staining, trace gravel to 3.5 cm, trace organic material (roots).
6				
	CS			
				SP SAND: dark gray, fine grained, subrounded, wet, loose, trace organic material (roots).
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eckel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH21 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S14
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGS Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				
	CS			FILL: pale gray silty sand, gravel, unconsolidated, dry.
2				
	CS			Fill as above.
4				
	CS			Fill as above.
6				
	CS			SM SILT: pale gray to pale brown, dense, dry. SM SILT: as above, becoming sandy, dark yellowish brown (10YR 4/4), damp, loose.
8				
				SP SAND: dark gray mottled dark green, fine grained, subrounded, silty, moist, strong fuel odor.
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH22 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S14
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGB Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE NOV	LETTERING	DESCRIPTION
0				
CS				FILL: light brown to pale gray gravelly silt. dry, unconsolidated. small to large gravel.
2				
CS				Fill as above.
4				
CS				SM SANDY SILT: pale gray to yellow brown (10YR 5/3), dense, hard, dry, abundant limonite staining.
6				
CS				SW SAND: dark yellowish brown (10YR 4/4), fine to medium grained, subrounded, loose, damp.
				SP SAND: dark gray, medium grained, subangular, wet, loose, strong fuel odor.
8				
10				

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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH23 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S14
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
	CS			FILL: yellow brown sandy silt, pale gray to dark brown clayey silt, unconsolidated, damp, with some gravel.
2				
	CS			FILL: as above.
4				
	CS			CS CLAYEY SILT: very dark gray (2.5Y 3/0), homogeneous, damp, blocky, very stiff, trace organic material.
6				
	CS			SC SANDY SILT: dark greenish gray (5BG 4/1) to (5G 4/1), mottled dark green, cohesive, damp, trace organic material (roots), occasional gravel to 3.5 cm, strong fuel odor.
8				
	CS			SP SAND: dark gray, medium grained, subangular, loose, trace gravel to 1.2 cm, strong fuel odor.
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH24 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S14
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE BOX	LETTERING	DESCRIPTION
0				
CS				FILL: pale gray to brown gravelly silt. abundant gravel. unconsolidated. dry.
2				
CS				FILL: as above.
4				
CS				SM SANDY SILT: dark grayish brown (2.5Y 4/2), cohesive, damp, fine grained sand, abundant limonite staining, occasional organic material (roots), trace gravel to 5 cm.
6				
CS				SP SAND: olive brown (2.5Y 4/3), medium grained, subrounded, loose, moist, trace gravel to 4.5 cm.
				SP SAND: dark gray, fine grained, subrounded, compact, trace organic material (roots).
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eckel Date: 12/5/92 Page: 1 OF 1
 Hole No.: BH25 Ground Elevation: _____
 Total Depth: 6' Rig Type: Mobile B-53 Location: S14
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5' Split-Spoon (California method)
 Project: NANGS Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE NO.	LITHOLOGY	DESCRIPTION
0				
CS				FILL: pale gray to brown gravelly silt, fine to coarse gravel, dry, unconsolidated.
2				
CS				FILL: as above.
4				FILL: as above.
CS				CS SILTY CLAY: dark brown, moist, cohesive, plastic, abundant limonite staining.
6				
6				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1
 Hole No.: BH26 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S14
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				
1	CS			FILL: very limited recovery.
2				
3	CS			No sample recovery.
4				
5	CS			CS SILTY CLAY: olive brown (2.5Y 4/4), plastic, moist, abundant limonite staining.
6				
7	CS			SW SAND: olive brown (2.5Y 4/3), fine to coarse grained, subrounded, clean, loose, abundant gravel to 5 cm.
8				
9				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1
 Hole No.: BH28 Ground Elevation: _____
 Total Depth: 13.5' Rig Type: Mobile B-53 Location: S7
 Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				No sample taken, asphalt parking area. Thin layer of gravel fill recovered on upper boundary of 2.5'-5' sample.
2				
4	CS			CL CLAY: dark gray (5Y 4/1), blocky, very stiff, damp, occasional carbonaceous material, trace organic material, fuel odor. Becoming medium gray mottled dark green, increasing silt content.
6	CS			SM SANDY SILT: medium gray mottled dark green, plastic, cohesive, damp, trace gravel to 1.5 cm, fuel odor.
8	CS			SP SAND: dark greenish gray (5BG 4/1) mottled dark green, fine grained, subrounded, moist, clayey, plastic, fuel odor.
10	CS			SP SAND: olive brown (2.5Y 4/4) mottled medium gray, fine grained, subrounded, wet, cohesive, fuel odor, with thinly laminated green, yellow, and dark brown bedding. Cobble to 8 cm.
12	CS			SW SAND: gray brown, medium to coarse grained (mU-cu), subrounded, saturated, abundant gravel 5 cm to 10 cm cobble.
14				
16				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertef Date: 12/6/92 Page: 1 OF 1
 Hole No.: BH29 Ground Elevation: _____
 Total Depth: 8' Rig Type: Mobile B-53 Location: S7
 Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				No sample taken, asphalt parking area.
2				
4				FILL: gravelly sand.
CS				CS CLAYEY SILT: medium gray to grayish green (5G 4/2) mottled dark green, damp, dense, plastic, cohesive, trace organic material, trace fine gravel to 1.5 cm, trace coarse gravel to 5 cm.
6				Increasing sand.
CS				SP SAND: dark greenish gray (5BG 4/1), fine grained, subrounded, clayey, homogeneous, trace organic material.
8				
10				
12				
14				
16				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1
 Hole No.: BH30 Ground Elevation: _____
 Total Depth: 14' Rig Type: Mobile B-53 Location: S7
 Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				
2				No sample taken, asphalt parking area.
4	CS			CS SILTY CLAY: greenish gray (5GY 5/1) mottled dark green to light greenish gray, damp, plastic, cohesive, trace organic material, trace gravel to 4.5 cm, fuel odor. Increasing sand, medium gray mottled dark green.
6	CS			SP SAND: dark greenish gray (5BG 4/1), fine grained, subangular, clayey, moist, homogeneous, occasional pyrite grains, fuel odor, light brown gypsiferous nodules to 1 cm. 8 cm. cobble at 6'
8	CS			SP SAND: brown to grayish (2.5Y 4/2), fine grained, subrounded, light brown gypsiferous nodules to 6 mm, thinly laminated black, reddish brown and yellow bedding.
10	CS			
12	CS			SW SAND: gray brown, medium to coarse grained, subrounded, saturated, loose, trace gravel to 2.5 cm, becoming predominately medium grained, well sorted.
14	CS			SW SAND: gray brown, medium to coarse grained, subrounded, saturated, loose, occasional gravel to 2.5 cm.
16				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Eitel Date: 12/6/92 Page: 1 OF 1
 Hole No.: BH31 Ground Elevation: _____
 Total Depth: 14' Rig Type: Mobile B-53 Location: S7
 Auger Size: 8" O.D. Sample Type: 3" x 2.5' Continuous Moss sampler
 Project: NANGB Reno Data Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				No sample taken, asphalt parking area.
2				
4	CS			CS SILTY CLAY: dark yellowish brown (10YR 4/6) mottled gray, damp, hard, dense, blocky, plastic, cohesive, trace Fe nodules, slight fuel odor.
6	CS			Becoming sandy, dark green, gravel to 7.5 cm. SP SAND: dark greenish gray (5BG 4/1), fine grained, subrounded, cohesive, slightly plastic, clayey, slight fuel odor, very thin bed of yellow brown sand at 7.5'.
8	CS			SP SAND: as above, abundant pyrite grains, decreasing clay, trace gravel to 1 cm.
10	CS			SW SAND: dark gray, medium to coarse grained (mU-cU), subrounded, saturated, occasional gravel to 6 cm.
12	CS			
14	CS			SW SAND: gray brown, coarse grained (cL-vcU), subrounded, saturated, abundant gravel to 4.5 cm.
16				

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Borehole Summary Information

ornl

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel		Date: 12/6/92	Page: 1 OF 1
Hole No.: BH32		Ground Elevation:	
Total Depth: 7'		Rig Type: Mobile B-53	Location: S2
Auger Size: 6" O.D.		Sample Type: 2.5" x 2.5' Split-Spoon (California method)	
Project: NANGB. Reno		Date Verified By: F.G. Gardner	Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				No sample taken, 1' concrete.
2	CS			FILL: dark gray sand, wet.
4	CS			CS SILTY CLAY: pale greenish gray, calcareous, dense, hard, becoming green-gray, trace coarse sand, occasional plastic.
6	CS			SP SAND: dark gray, medium grained, subangular, saturated, loose, trace gravel to 2.5 cm.
8				
10				

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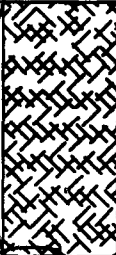

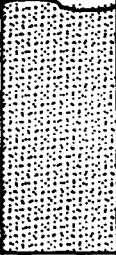
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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: <u>D.B. Ertel</u>		Date: <u>12/6/92</u>		Page: <u>1 OF 1</u>
Hole No.: <u>BH33</u>		Ground Elevation: _____		
Total Depth: <u>7'</u>		Rig Type: <u>Mobile B-53</u>	Location: <u>S2</u>	
Auger Size: <u>6" O.D.</u>		Sample Type: <u>2.5" x 2.5" Split-Spoon (California method)</u>		
Project: <u>NANGB Bang</u>		Data Verified By: <u>F.G. Gardner</u>	Date: <u>3/5/93</u>	

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	LITHOLOGY	DESCRIPTION
0				No sample taken, 1' concrete.
2	CS			FILL: brown sand, moist, loose, trace gravel.
4	CS			CS SILTY CLAY: dark greenish gray (5GY 4/1) mottled dark green, dense, very stiff, sandy, occasional organic material, occasional limonite staining, slightly damp, fuel odor.
6	CS			SW SAND: color as above, fine to medium grained (fU-mU), subangular, loose, moist, occasional gravel to 3.5 cm.
8				
10				

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Borehole Summary Information

orn1

OAK RIDGE NATIONAL LABORATORY

Prepared By: D.B. Ertel Date: 12/6/92 Page: 1 OF 1
 Hole No.: BH34 Ground Elevation: _____
 Total Depth: 7' Rig Type: Mobile B-53 Location: S2
 Auger Size: 6" O.D. Sample Type: 2.5" x 2.5" Split-Spoon (California method)
 Project: NANGB Reno Date Verified By: F.G. Gardner Date: 3/5/93

DEPTH (FEET)	SAMPLE TYPE	SAMPLE ID#	LITHOLOGY	DESCRIPTION
0				No sample taken, 1' concrete.
2	CS			FILL: brown sand, saturated, loose, gravelly.
4	CS			FILL: becoming sandy, dark gray, cohesive.
6	CS			CL CLAY: dark to pale gray, fissile, damp, dense, laminated, increasing sand, dark greenish gray.
8				No sample recovery.
10				

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APPENDIX C

HYDRAULIC TESTING DATA

MW02 - PUMP TEST**Initial water level - 7.14 ft bcl****Pumping Rate 3.16 GPM**

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:11:00	7.14	0	0
15:11:15	7.26	.25	.12
15:11:30	8.10	.50	.96
15:11:45	8.62	.75	1.48
15:12:00	8.90	1.00	1.76
15:12:15	9.30	1.25	2.16
15:12:30	9.54	1.50	2.40
15:12:45	9.75	1.75	2.61
15:13:00	9.95	2.00	2.81
15:13:15	10.12	2.25	2.98
15:13:30	10.24	2.50	3.10
15:13:45	10.36	2.75	3.22
15:14:00	10.46	3.00	3.32
15:14:15	10.55	3.25	3.41
15:14:30	10.66	3.50	3.52
15:14:45	10.83	3.75	3.69
15:15:00	10.97	4.00	3.83
15:15:15	11.09	4.25	3.95
15:15:30	11.24	4.50	4.10
15:15:45	11.39	4.75	4.25
15:16:00	11.53	5.00	4.39
15:16:15	11.64	5.25	4.50

C-2

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:16:30	11.76	5.50	4.62
15:16:45	11.85	5.75	4.71
15:17:00	11.94	6.00	4.80
15:17:15	12.02	6.25	4.88
15:17:30	12.09	6.50	4.95
15:18:00	12.24	7.00	5.10
15:18:30	12.29	7.5	5.15
15:19:00	12.37	8.00	5.23
15:19:30	12.48	8.50	5.34
15:20:00	12.58	9.00	5.44
15:20:30	12.69	9.50	5.55
15:21:00	12.70	10.00	5.56
15:21:30	12.71	10.50	5.57
15:22:00	12.77	11.00	5.63
15:23:00	12.89	12.00	5.75
15:24:00	12.96	13.00	5.82
15:25:00	13.21	14.00	6.07
15:26:00	13.22	15.00	6.08
15:27:00	13.36	16.00	6.22
15:29:00	13.55	18.00	6.41
15:31:00	13.62	20.00	6.48
15:33:00	13.73	22.00	6.59
15:36:00	13.82	25.00	6.68
15:39:00	13.94	28.00	6.80
15:42:00	14.01	31.00	6.87

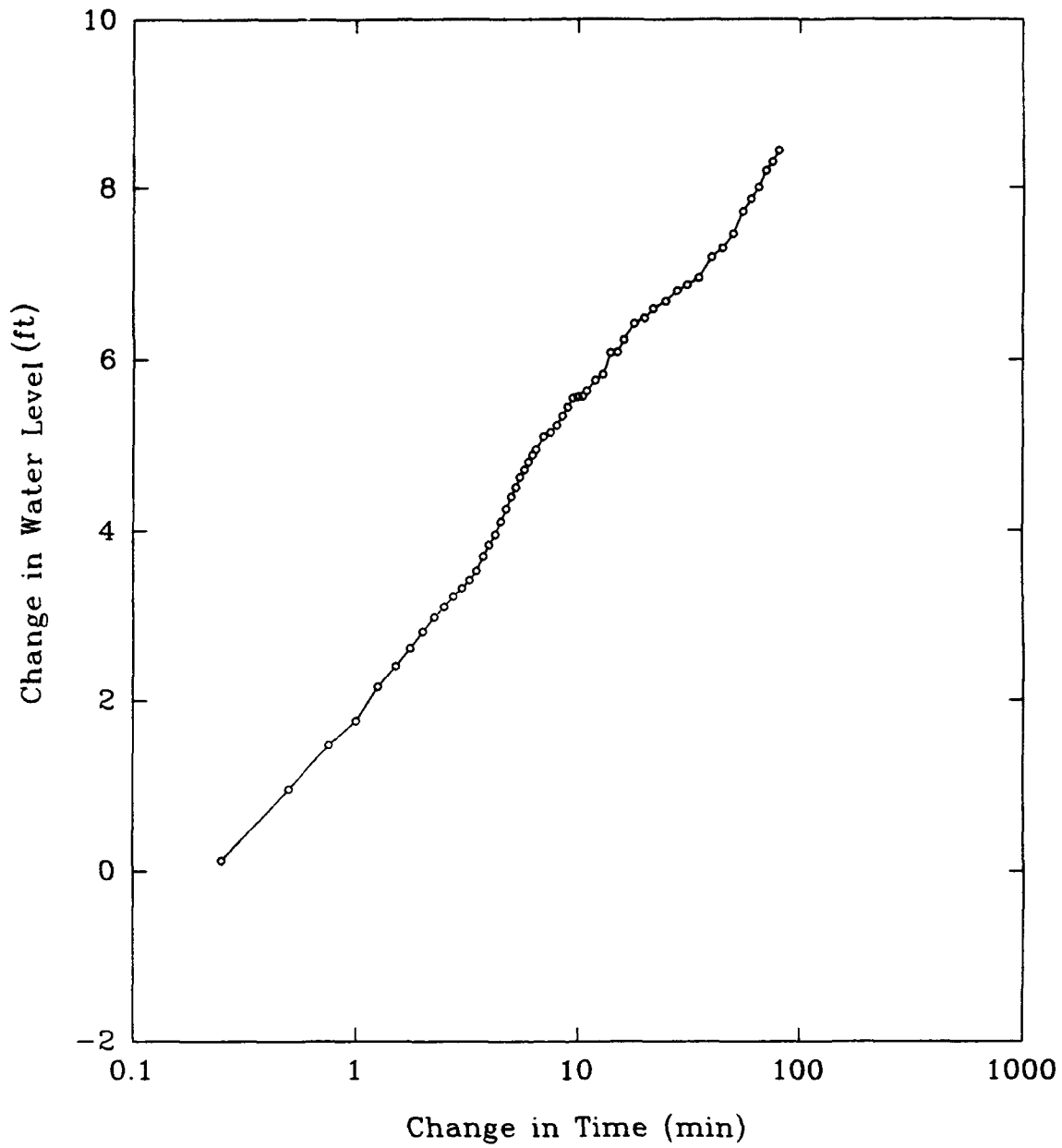
C-3

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:46:00	14.09	35.00	6.95
15:51:00	14.33	40.00	7.19
15:56:00	14.44	45.00	7.30
16:01:00	14.60	50.00	7.46
16:06:00	14.86	55.00	7.72
16:11:00	15.01	60.00	7.87
16:16:00	15.14	65.00	8.00
16:21:00	15.34	70.00	8.20
16:26:00	15.44	75.00	8.30
16:31:00	15.58	80.00	8.44

MW02est.rno

C4

MW02 PUMP TEST



MW02.SPG

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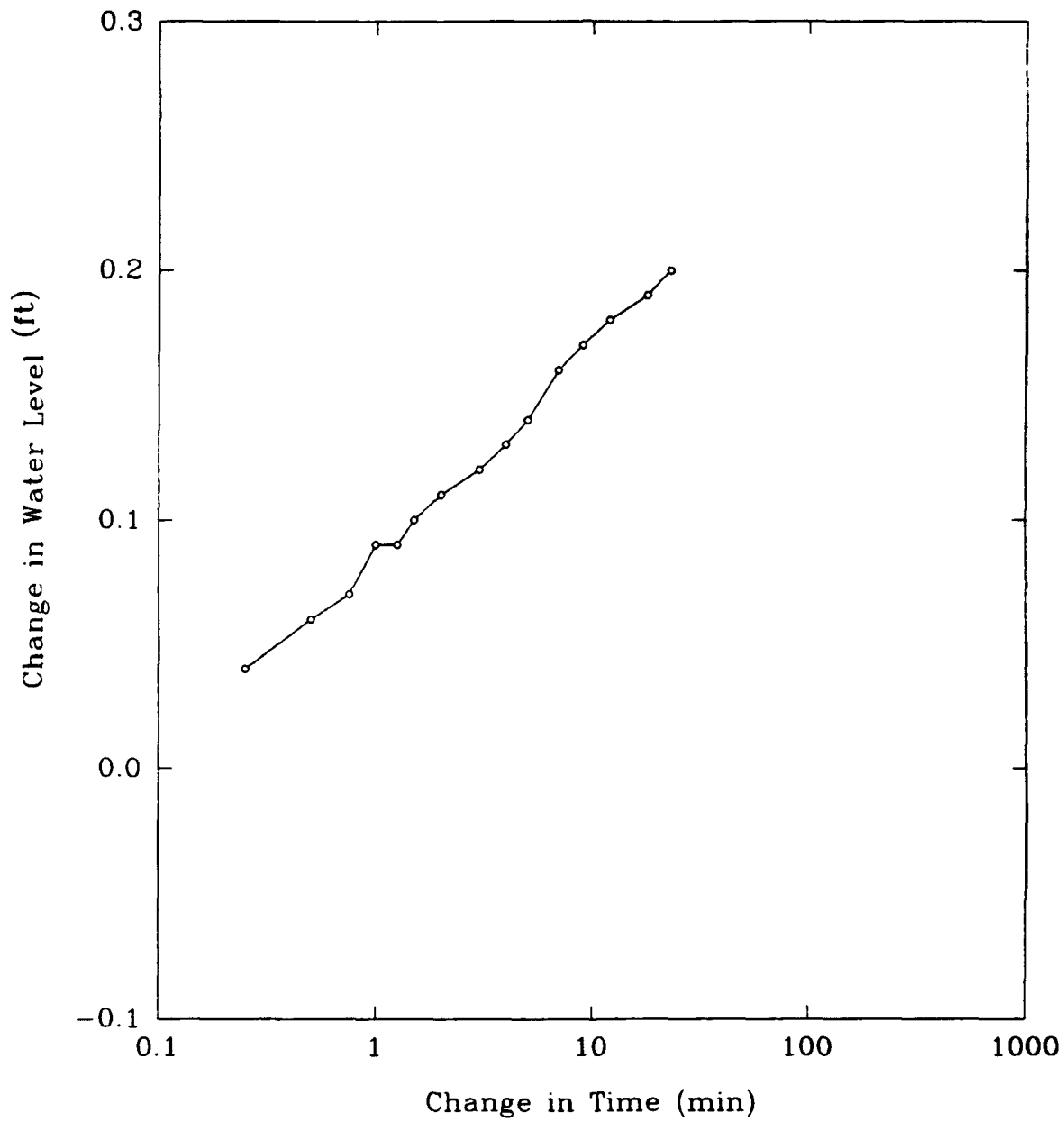
PZ3 - RECOVERY TEST
Initial water level - 5.18 ft bcl

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:30:00	5.18	0	0
15:30:15	5.14	.25	.04
15:30:30	5.12	.50	.06
15:30:45	5.11	.75	.07
15:31:00	5.09	1.00	.09
15:31:15	5.09	1.25	.09
15:31:30	5.08	1.50	.10
15:32:00	5.07	2.00	.11
15:33:00	5.06	3.00	.12
15:34:00	5.05	4.00	.13
15:35:00	5.04	5.00	.14
15:37:00	5.02	7.00	.16
15:39:00	5.01	9.00	.17
15:42:00	5.00	12.00	.18
15:48:00	4.99	18.00	.19
15:55:00	4.98	23.00	.20

bcl = below casing level

C-6

PZ03 RECOVERY TEST



PZ03.SPG

NVANG SI Report
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MW03 - PUMP TEST
Initial water level - 9.21 ft bcl
Pumping rate - 2.0 GPM

C-7

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
13:20:00	9.21	0	0
13:20:15	8.78	.25	.57
13:20:30	10.25	.50	1.04
13:20:45	10.74	.75	1.53
13:21:00	11.10	1.00	1.89
13:21:15	11.33	1.25	2.12
13:21:30	11.52	1.50	2.31
13:21:45	11.68	1.75	2.47
13:22:00	11.77	2.00	2.56
13:22:15	11.86	2.25	2.65
13:22:30	11.94	2.50	2.73
13:22:45	12.30	2.75	2.82
13:23:00	12.08	3.00	2.87
13:23:15	12.14	3.25	2.93
13:23:30	12.20	3.50	2.99
13:23:45	12.24	3.75	3.03
13:24:00	12.28	4.00	3.07
13:24:15	12.31	4.25	3.10
13:24:30	12.34	4.50	3.13
13:24:45	12.37	4.75	3.16
13:25:00	12.40	5.00	3.19
13:25:15	12.43	5.25	3.22
13:25:30	12.45	5.50	3.24
13:25:45	12.46	5.75	3.25
13:26:00	12.48	6.00	3.27

C-8

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
13:26:15	12.50	6.25	3.29
13:26:30	12.52	6.50	3.31
13:26:45	12.54	6.75	3.32
13:27:00	12.55	7.00	3.33
13:27:15	12.57	7.25	3.35
13:27:30	12.58	7.50	3.36
13:27:45	12.59	7.75	3.37
13:28:00	12.61	8.00	3.39
13:28:15	12.63	8.25	3.41
13:28:30	12.63	8.50	3.41
13:28:45	12.64	8.75	3.42
13:29:00	12.66	9.00	3.44
13:29:30	12.68	9.50	3.46
13:30:00	12.70	10.00	3.48
13:30:30	12.72	10.50	3.50
13:31:00	12.74	11.00	3.52
13:31:30	12.76	11.50	3.54
13:32:00	12.78	12.00	3.56
13:32:30	12.79	12.50	3.57
13:33:00	12.80	13.00	3.58
13:33:30	12.82	13.50	3.60
13:34:00	12.84	14.00	3.62
13:34:30	12.86	14.50	3.64
13:35:00	12.87	15.00	3.65
13:36:00	12.89	16.00	3.67
13:37:00	12.92	17.00	3.70
13:38:00	12.94	18.00	3.72
13:39:00	12.96	19.00	3.74

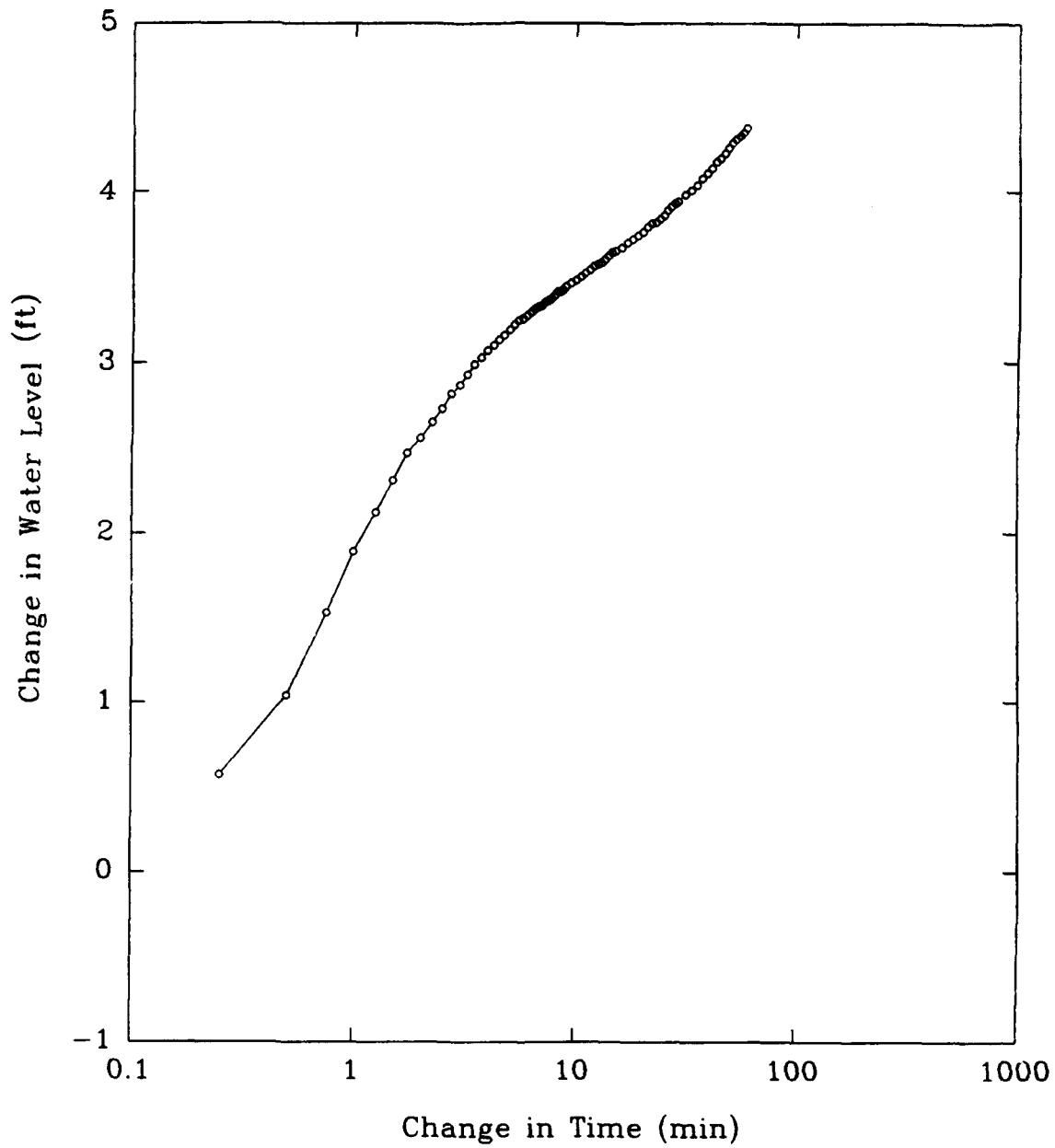
C-9

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
13:40:00	12.98	20.00	3.76
13:41:00	13.01	21.00	3.79
13:42:00	13.03	22.00	3.81
13:43:00	13.04	23.00	3.82
13:44:00	13.06	24.00	3.84
13:45:00	13.08	25.00	3.86
13:46:00	13.11	26.00	3.89
13:47:00	13.13	27.00	3.91
13:48:00	13.15	28.00	3.93
13:49:00	13.16	29.00	3.94
13:51:00	13.20	31.00	3.98
13:53:00	13.23	33.00	4.01
13:55:00	13.26	35.00	4.04
13:57:00	13.30	37.00	4.08
13:59:00	13.33	39.00	4.11
14:01:00	13.36	41.00	4.14
14:03:00	13.40	43.00	4.18
14:05:00	13.42	45.00	4.20
14:07:00	13.45	47.00	4.23
14:09:00	13.48	49.00	4.26
14:11:00	13.51	51.00	4.29
14:13:00	13.54	53.00	4.31
14:15:00	13.57	55.00	4.33
14:17:00	13.59	57.00	4.35
14:19:00	13.63	59.00	4.38

bcl = below casing level

C-10

MW03 PUMP TEST



MW03.SPG

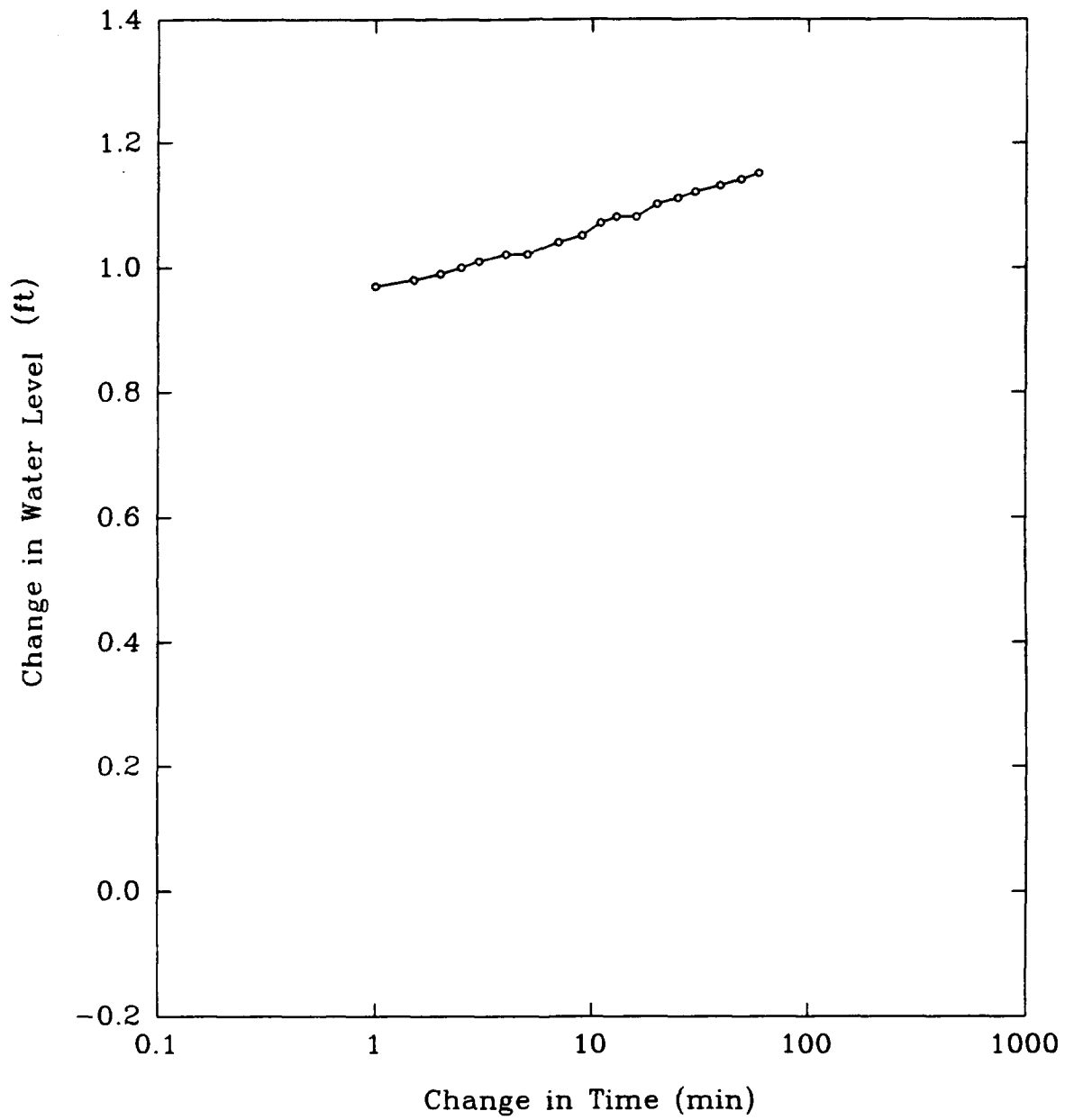
MW08 - PUMP TEST
Initial water level - 6.50 ft bcl
Pumping Rate 6.7 GPM

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
15:28:30	6.50	0	0
15:29:00	6.53	1.00	.97
15:29:30	6.54	1.50	.98
15:30:15	6.55	2.00	.99
15:30:30	6.56	2.50	1.00
15:31:00	6.57	3.00	1.01
15:32:00	6.58	4.00	1.02
15:33:00	6.58	5.00	1.02
15:35:00	6.60	7.00	1.04
15:37:00	6.61	9.00	1.05
15:39:00	6.62	11.00	1.07
15:41:00	6.63	13.00	1.08
15:44:00	6.64	16.00	1.08
15:48:00	6.66	20.00	1.10
15:53:00	6.67	25.00	1.11
15:58:00	6.68	30.00	1.12
16:07:00	6.69	39.00	1.13
16:17:00	6.70	49.00	1.14
16:27:00	6.71	59.00	1.15

bcl = below casing level

C-12

MW08 PUMP TEST



MW08.SPG

MW09 - PUMP TEST
 Initial water level - 7.65 ft bcl
 Pumping rate - 4.5 GPM

C-13

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
10:36:00	7.65	0	0
10:37:15	8.44	.25	.79
10:37:30	8.55	.50	.90
10:37:45	8.63	.75	.98
10:38:00	8.67	1.00	1.02
10:38:15	8.70	1.25	1.05
10:38:30	8.73	1.50	1.08
10:38:45	8.74	1.75	1.09
10:39:00	8.75	2.00	1.10
10:39:15	8.76	2.25	1.11
10:39:30	8.78	2.50	1.13
10:40:00	8.79	3.00	1.14
10:40:30	8.79	3.5	1.14
10:41:00	8.80	4.00	1.15
10:42:00	8.82	5.00	1.17
10:43:00	8.83	6.00	1.18
10:44:00	8.83	7.00	1.18
10:45:00	8.84	8.00	1.19
10:46:00	8.84	9.00	1.19
10:47:00	8.85	10.00	1.20
10:49:00	8.86	12.00	1.21
10:51:00	8.86	14.00	1.21
10:54:00	8.86	17.00	1.21
10:57:00	8.86	20.00	1.22
11:00:00	8.87	23.00	1.23

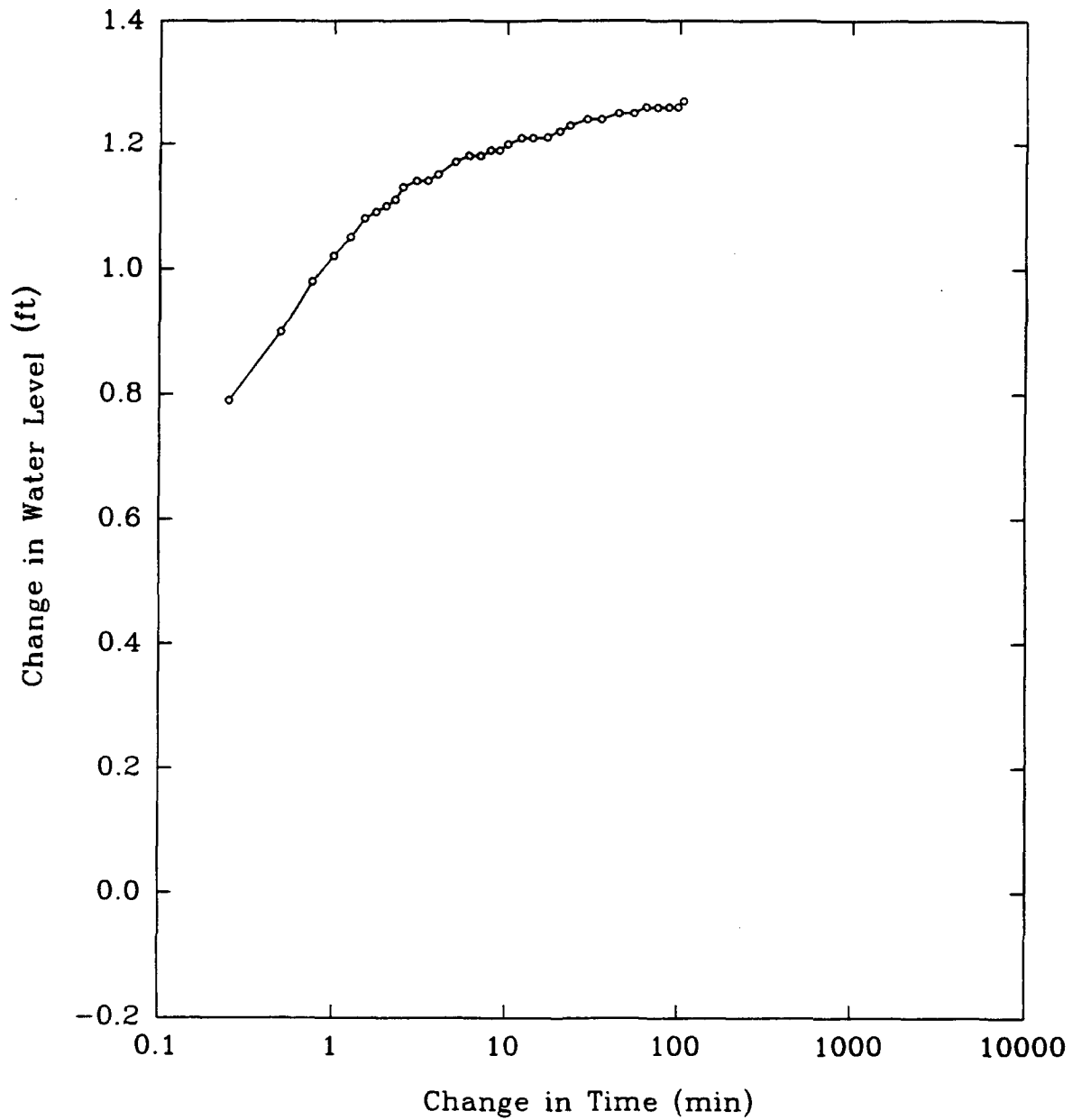
C-14

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
11:06:00	8.89	29.00	1.24
11:12:00	8.89	35.00	1.24
11:21:00	8.90	44.00	1.25
11:31:00	8.90	54.00	1.25
11:41:00	8.91	64.00	1.26
11:51:00	8.91	74.00	1.26
12:03:00	8.91	86.00	1.26
12:14:00	8.91	97.00	1.26
12:22:00	8.92	105.00	1.27

bcl = below casing level

C-15

MW09 PUMP TEST



MW09.SPG

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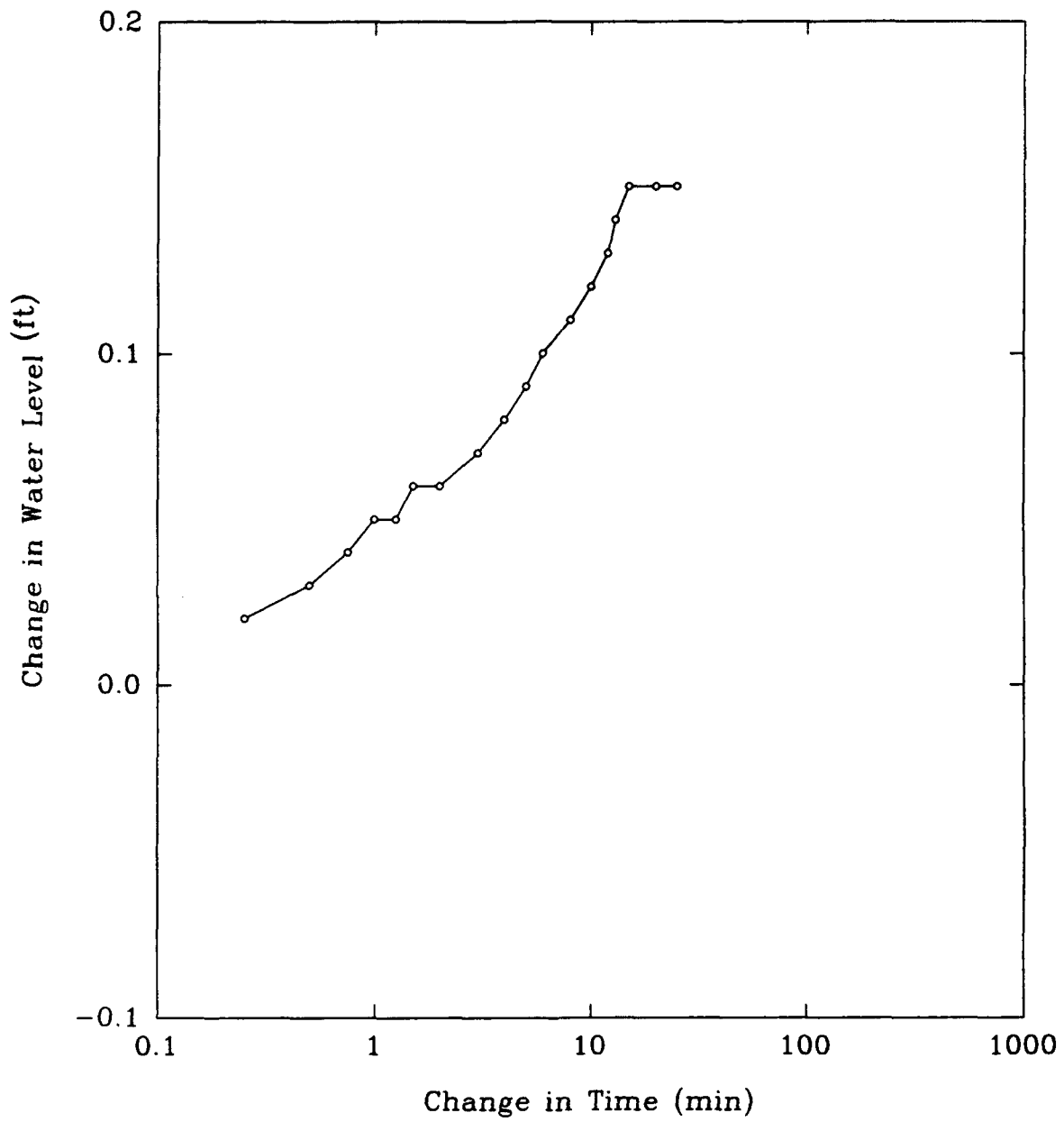
MW20 - RECOVERY TEST
Initial water level - 8.09 ft bcl

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
10:25:00	8.09	0	0
10:25:15	8.07	.25	.02
10:25:30	8.06	.50	.03
10:25:45	8.05	.75	.04
10:26:00	8.04	1.00	.05
10:26:15	8.04	1.25	.05
10:26:30	8.03	1.50	.06
10:27:00	8.03	2.00	.06
10:28:00	8.02	3.00	.07
10:29:00	8.01	4.00	.08
10:30:00	8.00	5.00	.09
10:31:00	7.99	6.00	.10
10:33:00	7.98	8.00	.11
10:35:00	7.97	10.00	.12
10:37:00	7.96	12.00	.13
10:39:00	7.95	13.00	.14
10:41:00	7.94	15.00	.15
10:46:00	7.94	20.00	.15
10:51:00	7.94	25.00	.15

bcl = below casing level

C-17

MW20 RECOVERY TEST



MW20.SPG

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MW21 - PUMP TEST
Initial water level - 7.74 ft bcl
Pumping Rate 6.67 GPM

C-18

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
09:14:00	7.74	0	0
09:14:15	8.58	.25	.84
09:14:30	8.67	.50	.93
09:14:45	8.72	.75	.98
09:15:00	8.74	1.00	1.00
09:15:15	8.75	1.25	1.01
09:15:30	8.76	1.50	1.02
09:16:00	8.77	2.00	1.03
09:16:30	8.79	2.50	1.05
09:17:00	8.80	3.00	1.06
09:17:30	8.81	3.50	1.07
09:18:00	8.81	4.00	1.07
09:19:00	8.82	5.00	1.08
09:20:00	8.83	6.00	1.09
09:22:00	8.84	8.00	1.10
09:25:00	8.86	11.00	1.12
09:28:00	8.88	14.00	1.14
09:31:00	8.89	17.00	1.15
09:36:00	8.88	22.00	1.14
09:41:00	8.89	27.00	1.15
09:51:00	8.95	37.00	1.21
10:01:00	8.96	47.00	1.22
10:11:00	8.96	57.00	1.22

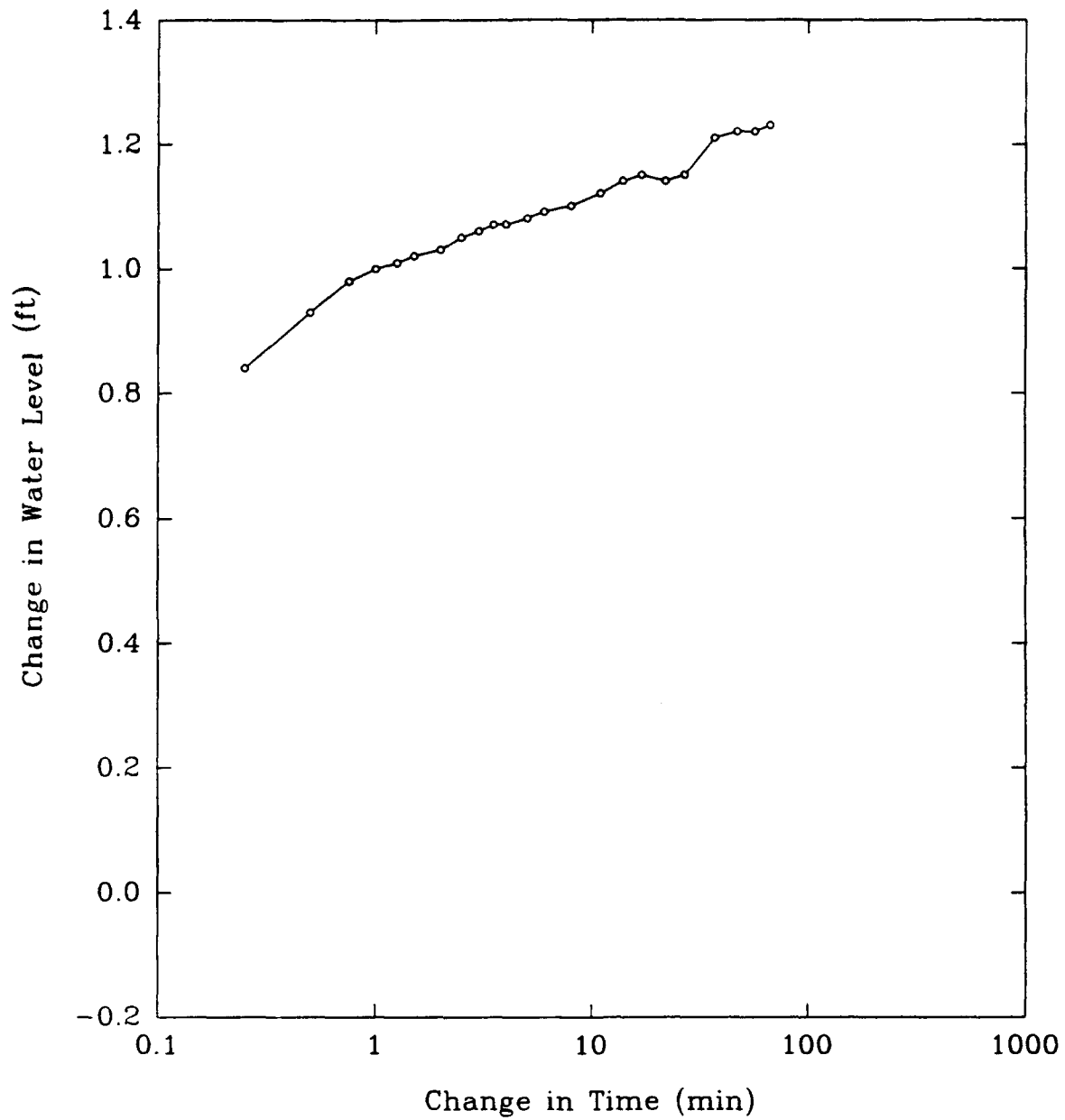
bcl = below casing level

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mw21test.rno

C-19

MW21 PUMP TEST



MW21.SPG

MW23 - PUMP TEST
Initial water level - 6.09 ft bcl
Pumping Rate 3.2 GPM

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
09:19:45	6.09	0	0
09:20:00	7.42	.25	1.33
09:20:15	9.20	.50	3.11
09:20:30	9.60	.75	3.51
09:20:45	9.76	1.00	3.67
09:21:00	9.98	1.25	3.89
09:21:15	10.26	1.50	4.17
09:21:30	10.52	1.75	4.43
09:21:45	10.68	2.00	4.59
09:22:00	10.77	2.25	4.68
09:22:15	10.84	2.50	4.75
09:22:30	10.89	2.75	4.80
09:22:45	10.92	3.00	4.83
09:23:00	10.94	3.25	4.85
09:23:15	10.96	3.50	4.87
09:23:30	10.98	3.75	4.89
09:23:45	11.00	4.00	4.91
09:24:00	11.02	4.25	4.93
09:24:30	11.04	4.75	4.95
09:25:00	11.07	5.25	4.98
09:25:30	11.08	5.75	4.99
09:26:00	11.10	6.25	5.01
09:27:00	11.12	7.25	5.03
09:28:00	11.11	8.25	5.02

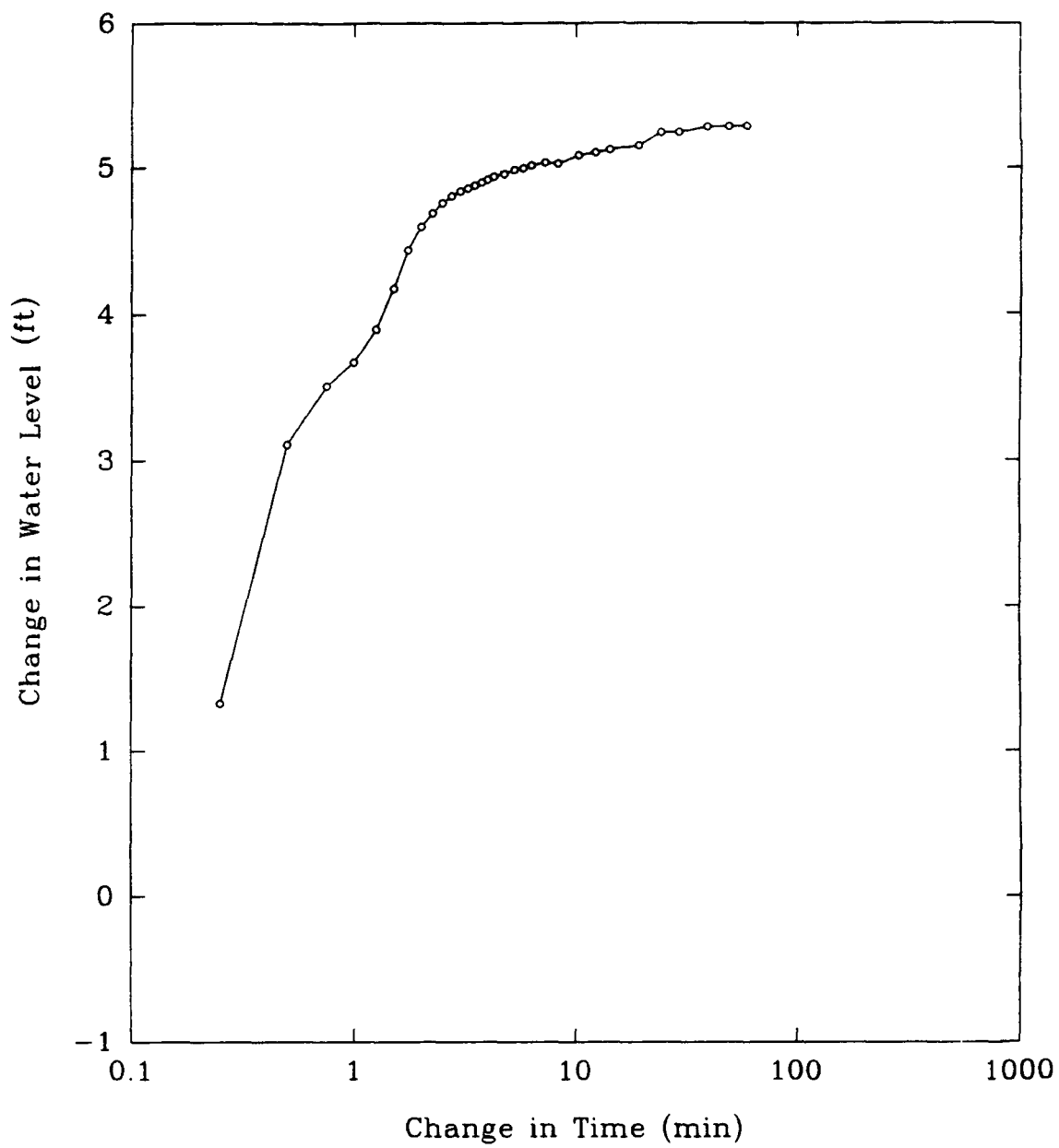
C-21

Time	Water level (ft bcl)	Change in time (min)	Change in water level (ft)
09:30:00	11.17	10.25	5.08
09:32:00	11.19	12.25	5.10
09:34:00	11.21	14.25	5.12
09:39:00	11.24	19.25	5.15
09:44:00	11.35	24.25	5.24
09:49:00	11.35	29.25	5.24
09:59:00	11.39	39.25	5.28
10:09:00	11.39	49.25	5.28
10:19:00	11.39	59.25	5.28

bcl = below casing level

C-22

MW23 PUMP TEST



MW23.SPG

APPENDIX D

SIGNIFICANT ANALYTICAL DATA



APPENDIX D

SIGNIFICANT ANALYTICAL DATA

I. DISCUSSION

Table D-1 is arranged by site and contains all the analytes detected during the sampling program. This table includes data from the seven sites the background areas that were investigated. Table D-2 contains analytes detected in samples that are not site-specific but relate to the project in general. These include equipment rinsates, field blanks, trip blanks, and samples from holding tanks used to store purge and decontamination water. Table D-3 contains analytes detected in the laboratory method blanks for all of the analyses. The listed method blank number refers to the laboratory sample identification number assigned by the analytical laboratory.

Table D-4 lists the target compounds and metals, along with detection limits, in soil and water.

II. COLUMN HEADINGS IN TABLES D-1, D-2, D-3, AND D-4

Sample location:

The codes used to identify the sample locations in Table D-1 are explained below.

First and second characters:

- MW - monitoring well, drilled within a site or downgradient of a site
- SD - sediment sample, collected for background data
- BH - soil boring, drilled to collect soil samples and determine lithology
- SW - surface water sample, collected for background data.

Third, fourth, and fifth characters:

The third, fourth, and fifth characters represent the well or borehole number; the number does not imply a particular site.

Field number: Each sample is given a unique four-digit number that is recorded in the project sample logbook, chain-of-custody form, field data base, and ORNL data base in Grand Junction, Colo. Replicate samples are numbered sequentially. Field numbers with a two-letter suffix are samples that required either reextraction or dilution by the analytical laboratory and are labeled RE and DL respectively.

Sample date: Date the samples were collected in the field.

Sample interval: Soil samples collected during the drilling of monitoring wells and soil borings (boreholes) are listed according to the depth below ground surface at which they were collected. Samples of groundwater and blanks are listed in the original sequence of collection on a given day. For example, a triplicate sample of groundwater taken from monitoring well MW05 would have intervals of 01, 02, and 03. Samples taken from the same well on consecutive days would each have a sample interval of 01.

Sample prep data: Date samples are prepared in the laboratory. This applies to semivolatile analysis only.

Date analyzed: Date analysis was performed.

Sample matrix:

GW = groundwater	SR = soil replicate
SO = soil	W = water (method blank)
S = soil (method blank)	WR = water replicate
DI = deionized water	RI = rinsate
WT = water (other than groundwater)	

Method blank number: The method blank associated with each sample. Only method blanks related to organic analyses are listed.

SDG: Refers to the sample delivery group (SDG) associated with each method blank.

Analytical method:

<u>Sample code</u>	<u>Definition</u>	<u>Analytical method, soil/water</u>
BNA	base/neutral and acid extractable semivolatile organic compounds	CLP/CLP
VOL	volatile organic compounds	CLP/CLP
PHC	total petroleum hydrocarbons	8015/8015
MET	CLP metals	CLP/CLP

Analyte: Volatile organic compounds possessing *cis/trans* or *ortho/meta/para* isomerism are reported as total compound present.

Result: Self explanatory.

D-4

- Code:**
- BR** - compound was detected in the method blank as well as in the sample and the data are flagged unusable.
 - J** - analytical result is an estimated value. For example, methylene chloride typically has a 1 $\mu\text{g/L}$ limit of detection (LOD). The lowest quantity that can be reported with certainty is $\sim 5 \mu\text{g/L}$ or the contract-required detection limit (CRDL). Values between the LOD and the CRDL are denoted by J.
- Units:** Self explanatory.

Table D.1. Significant data from sites and background

04/21/94

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
PA001	1000	11/10/92	002	11/17/92	11/19/92	SO	SBLK69		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	46.00	J	ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	ALUMINUM	2010.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	ARSENIC	56.90	J	ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	BARIUM	165.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	BERYLLIUM	0.78		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	CALCIUM	32600.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	CHROMIUM	10.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	COBALT	9.30		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	COPPER	24.60		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	IRON	20100.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	LEAD	9.50		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	MAGNESIUM	7240.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	MANGANESE	476.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	POTASSIUM	2520.00	J	ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	SODIUM	1350.00		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	VANADIUM	46.90		ug/kg
PA001	1000	11/10/92	002	12/03/92	12/05/92	SO	M01		MET	ZINC	84.50		ug/kg
PA001	1000	11/10/92	002	/ /	11/17/92	SO	VBLK68		VOL	ACETONE	16.00	BR	ug/kg
PA001	1000	11/10/92	002	/ /	11/17/92	SO	VBLK68		VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
PA001	1000RE	11/10/92	002	/ /	11/20/92	SO	VBLK59		VOL	ACETONE	270.00	BR	ug/kg
PA001	1000RE	11/10/92	002	/ /	11/20/92	SO	VBLK59		VOL	CHLOROFORM	2.00		ug/kg
PA001	1000RE	11/10/92	002	/ /	11/20/92	SO	VBLK59		VOL	METHYLENE CHLORIDE	44.00	BR	ug/kg
PA001	1001	11/10/92	004	11/17/92	11/19/92	SO	SBLK69		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	44.00		ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	ALUMINUM	10700.00		ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	ANTIMONY	16.30		ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	ARSENIC	69.40	J	ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	BARIUM	171.00		ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	CALCIUM	2730.00		ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	CHROMIUM	7.30		ug/kg
PA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01		MET	COBALT	6.90		ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	COPPER	16.10		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	IRON	14200.00		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	LEAD	7.60		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	2470.00		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	MANGANESE	353.00		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	MERCURY	0.12		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	5290.00	J	mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	SODIUM	1340.00		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	VANADIUM	35.00		mg/kg
NA001	1001	11/10/92	004	12/03/92	12/05/92	SO	M01	MET	ZINC	39.60		mg/kg
NA001	1001	11/10/92	004	/ /	11/18/92	SO	VBLCG8	VOL	ACETONE	11.00	BR	ug/kg
NA001	1001	11/10/92	004	/ /	11/18/92	SO	VBLCG8	VOL	METHYLENE CHLORIDE	31.00	BR	ug/kg
NA001	1002	11/10/92	006	11/17/92	11/19/92	SO	SBLG69	DMA	4-NITROPHENOL	43.00	J	ug/kg
NA001	1002	11/10/92	006	11/17/92	11/19/92	SO	SBLG69	DMA	918(2-ETHYLNETHYL)PHTHALATE	46.00		ug/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	ALUMINUM	15300.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	ARSENIC	94.80	J	mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	BARIUM	211.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	BERYLLIUM	0.57		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	CALCIUM	3700.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	CHROMIUM	10.90		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	COBALT	15.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	COPPER	24.70		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	IRON	22600.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	LEAD	8.90		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	3740.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	MANGANESE	876.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	NICKEL	10.70		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	2560.00	J	mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	SODIUM	1440.00		mg/kg
NA001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	VANADIUM	51.00		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
M001	1002	11/10/92	006	12/03/92	12/05/92	SO	M01	MET	ZINC	171.00		mg/kg
M001	1002	11/10/92	006	/ /	11/18/92	SO	VLKG8	VOL	ACETONE	15.00	BR	ug/kg
M001	1002	11/10/92	006	/ /	11/18/92	SO	VLKG8	VOL	METHYLENE CHLORIDE	30.00	BR	ug/kg
M001	1003	11/10/92	008	11/17/92	11/19/92	SO	SLK69	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	69.00		ug/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	ALUMINUM	12700.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	ARSENIC	24.80	J	mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	BARIUM	130.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	BERYLLIUM	0.71		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	CALCIUM	3400.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	CHROMIUM	10.30		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	COBALT	11.80		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	COPPER	19.80		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	IRON	19700.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	LEAD	7.80		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	MAGNESIUM	5100.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	MANGANESE	415.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	NICKEL	10.70		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	POTASSIUM	2620.00	J	mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	SODIUM	1220.00		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	VANADIUM	43.60		mg/kg
M001	1003	11/10/92	008	12/03/92	12/05/92	SO	M01	MET	ZINC	47.80		mg/kg
M001	1003	11/10/92	008	/ /	11/18/92	SO	VLKG8	VOL	ACETONE	14.00	BR	ug/kg
M001	1003	11/10/92	008	/ /	11/18/92	SO	VLKG8	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
M001	1003RE	11/10/92	008	/ /	11/19/92	SO	VLK03	VOL	ACETONE	4400.00	J	ug/kg
M001	1003RE	11/10/92	008	/ /	11/19/92	SO	VLK03	VOL	CHLOROFORM	2.00		ug/kg
M001	1003RE	11/10/92	008	/ /	11/19/92	SO	VLK03	VOL	METHYLENE CHLORIDE	200.00	J	ug/kg
M002	1015	12/03/92	004	12/10/92	12/12/92	SO	SLK13	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	92.00	BR	ug/kg
M002	1015	12/03/92	004	12/10/92	12/12/92	SO	SLK13	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
M002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	25500.00		mg/kg
M002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ARSENIC	33.20	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASESIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	BARIUM	151.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CALCIUM	6130.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	13.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COBALT	9.20	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COPPER	27.80	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	IRON	25800.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	LEAD	8.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6040.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MANGANESE	324.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	NICKEL	16.50	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	3950.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	SODIUM	2700.00	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	VANADIUM	55.50	J	mg/kg
NA002	1015	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ZINC	66.40	J	mg/kg
NA002	1015	12/03/92	004	/ /	12/08/92	SO	VBLLJ9	VOL	ACETONE	21.00	BR	ug/kg
NA002	1015	12/03/92	004	/ /	12/08/92	SO	VBLLJ9	VOL	METHYLENE CHLORIDE	47.00	BR	ug/kg
NA002	1016	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	DMA	BIS(2-ETHYLMERYL)PHTHALATE	120.00	BR	ug/kg
NA002	1016	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	DMA	DI-N-BUTYLPHTHALATE	140.00	BR	ug/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	13400.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	77.90	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	172.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3210.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	10.50	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	17.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	21.20	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	20200.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	7.20	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	2790.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	839.00	J	mg/kg
NA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	1650.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
PA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1440.00	J	mg/kg
PA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	50.40	J	mg/kg
PA002	1016	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	55.90	J	mg/kg
PA002	1016	12/03/92	006	/ /	12/09/92	SO	VBKJ9	VOL	ACETONE	16.00	BR	ug/kg
PA002	1016	12/03/92	006	/ /	12/09/92	SO	VBKJ9	VOL	METHYLENE CHLORIDE	38.00	BR	ug/kg
PA002	1017	12/03/92	008	12/10/92	12/12/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	BR	ug/kg
PA002	1017	12/03/92	008	12/10/92	12/12/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	130.00	BR	ug/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	18400.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ARSENIC	33.20	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	BARIUM	97.40	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3990.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.50	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COBALT	8.40	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COPPER	26.40	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	IRON	24100.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	LEAD	7.50	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	3740.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MANGANESE	130.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	NICKEL	13.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2630.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	SODIUM	1720.00	J	mg/kg
PA002	1017	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	VANADIUM	53.00	J	mg/kg
PA002	1017	12/03/92	008	/ /	12/15/92	SO	M03	MET	ZINC	48.20	J	mg/kg
PA002	1017	12/03/92	008	/ /	12/09/92	SO	VBKJ9	VOL	ACETONE	22.00	BR	ug/kg
PA002	1017	12/03/92	008	/ /	12/09/92	SO	VBKJ9	VOL	METHYLENE CHLORIDE	31.00	BR	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(A)ANTHRACENE	320.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(A)PYRENE	310.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(B)FLUORANTHENE	670.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(G,H,I)PERYLENE	180.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BENZO(K)FLUORANTHENE	670.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASESIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	930.00		ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	BUTYLBENZYLPHTHALATE	52.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	CHRYSENE	360.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	D1-N-BUTYLPHTHALATE	200.00	BR	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	DIBENZ(A,H)ANTHRACENE	62.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	FLUORANTHENE	620.00		ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	INDENOC(1,2,3-CD)PYRENE	150.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	PHENANTHRENE	230.00	J	ug/kg
SD005	1021	12/03/92	001	12/10/92	12/13/92	SO	SBLK13	BNA	PYRENE	510.00		ug/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	9670.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ARSENIC	10.70	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	BARIUM	103.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3430.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	8.70	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COBALT	7.40	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COPPER	16.60	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	IRON	16600.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	LEAD	26.10	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	2060.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MANGANESE	289.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	SODIUM	509.00	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	VANADIUM	43.10	J	mg/kg
SD005	1021	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ZINC	75.70	J	mg/kg
SD005	1021	12/03/92	001	/ /	12/09/92	SO	VLKJ9	VOL	ACETONE	14.00	BR	ug/kg
SD005	1021	12/03/92	001	/ /	12/09/92	SO	VLKJ9	VOL	METHYLENE CHLORIDE	43.00	BR	ug/kg
SD006	1022	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	230.00	BR	ug/kg
SD006	1022	12/03/92	001	12/10/92	12/14/92	SO	SBLK13	BNA	D1-N-OCTYLPHTHALATE	270.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	4-METHYLPHENOL	96.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(A)ANTHRACENE	300.00	J	ug/kg
SD006	1022RE	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(A)PYRENE	420.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(B)FLUORANTHENE	1200.00		ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(G,H,I)PERYLENE	250.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BENZO(K)FLUORANTHENE	1200.00		ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BIS(2-ETHYLNEXTYL)PHTHALATE	1700.00		ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	BUTYLBENZYL PHTHALATE	440.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	CARBAZOLE	110.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	CHRYSENE	490.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	180.00	BR	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	DIBENZ(A,H)ANTHRACENE	120.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	FLUORANTHENE	1000.00		ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	INDENOX(1,2,3-CD)PYRENE	210.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	PHENANTHRENE	310.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	PHENOL	120.00	J	ug/kg
SD006	1022E	12/03/92	001	12/15/92	12/17/92	SO	SBLK13	BNA	PYRENE	630.00		ug/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	12900.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ARSENIC	10.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	BARIUM	144.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CALCIUM	6920.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.70	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COBALT	7.60	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COPPER	28.20	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	IRON	16200.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	LEAD	57.80	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4570.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MANGANESE	311.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	SODIUM	749.00	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	VANADIUM	43.80	J	mg/kg
SD006	1022	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ZINC	145.00	J	mg/kg
SD006	1022	12/03/92	001	/	12/09/92	SO	VBLLKJ9	VOL	ACETONE	15.00	BR	ug/kg
SD006	1022	12/03/92	001	/	12/09/92	SO	VBLLKJ9	VOL	METHYLENE CHLORIDE	54.00	BR	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASESIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BENZO(A)ANTHRACENE	190.00	J	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BENZO(A)PYRENE	170.00	J	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BENZO(B)FLUORANTHENE	550.00		ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BENZO(K)FLUORANTHENE	550.00		ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	250.00	BR	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	CHRYSENE	210.00	J	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	DI-N-BUTYLPHTHALATE	160.00	BR	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	FLUORANTHENE	410.00	J	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	PHENANTHRENE	87.00	J	ug/kg
S0007	1023	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	PYRENE	250.00	J	ug/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	20000.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ARSENIC	31.50	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	BARIUM	207.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CALCIUM	43500.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	11.70	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COBALT	10.30	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	COPPER	33.50	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	IRON	20200.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	LEAD	21.90	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	14300.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	MANGANESE	815.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	NICKEL	18.40	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	3970.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	SODIUM	1930.00	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	VANADIUM	49.80	J	mg/kg
S0007	1023	12/03/92	001	12/11/92	12/15/92	SO	M03	MET	ZINC	139.00	J	mg/kg
S0007	1023	12/03/92	001	/	12/09/92	SO	V8LKX5	VOL	ACETONE	50.00	BR	ug/kg
S0007	1023	12/03/92	001	/	12/09/92	SO	V8LKX5	VOL	METHYLENE CHLORIDE	56.00	BR	ug/kg
S0008	1024	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BENZO(A)ANTHRACENE	520.00		ug/kg
S0008	1024	12/03/92	001	12/10/92	12/14/92	SO	S8LK13	BNA	BENZO(A)PYRENE	210.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	BENZO(B)FLUORANTHENE	730.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	BENZO(G,H,I)PERYLENE	150.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	BENZO(K)FLUORANTHENE	730.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1400.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	BUTYLBENZYLPHTHALATE	73.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	CARBAZOLE	61.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	CHRYSENE	390.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	DI-N-BUTYLPHTHALATE	130.00	BR	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	DI-N-OCTYLPHTHALATE	280.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	FLUORANTHENE	790.00		ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	INDENO(1,2,3-CD)PYRENE	210.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	PHENANTHRENE	330.00	J	ug/kg
SD008	1024	12/03/92	001	12/10/92	12/14/92	SO	SBLK13		BNA	PYRENE	660.00		ug/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	ALUMINUM	13300.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	ARSENIC	14.30	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	BARIUM	131.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	CALCIUM	8440.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	CHROMIUM	15.40	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	COBALT	8.90	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	COPPER	25.90	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	IRON	16900.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	LEAD	34.60	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	MAGNESIUM	6090.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	MANGANESE	428.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	NICKEL	15.70	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	POTASSIUM	1570.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	SODIUM	733.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	VANADIUM	42.00	J	mg/kg
SD008	1024	12/03/92	001	12/11/92	12/15/92	SO	M03		MET	ZINC	158.00	J	mg/kg
SD008	1024	12/03/92	001	/ /	12/09/92	SO	VBLK5		VOL	ACETONE	18.00	BR	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SD008	1024	12/03/92	001	/	12/09/92	SO	VBLK5		METHYLENE CHLORIDE	36.00	BR	ug/kg
MA002	1500	12/01/92	001	12/03/92	12/07/92	GV	SBLK78		BIS(2-ETHYLNEXYL)PHTHALATE	3.00	BR	ug/L
MA002	1500	12/01/92	001	12/03/92	12/07/92	GV	SBLK78		DI-N-BUTYLPHTHALATE	4.00	BR	ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		ALUMINUM	568.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		ARSENIC	152.00	J	ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		BARIUM	31.20		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		CALCIUM	47400.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		COPPER	9.40		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		IRON	55.90	J	ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		MAGNESIUM	5040.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		MANGANESE	164.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		POTASSIUM	14500.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		SELENIUM	4.20		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		SODIUM	443000.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		VANADIUM	13.00		ug/L
MA002	1500	12/01/92	001	12/10/92	12/11/92	GV	M09		ZINC	3.80		ug/L
MA002	1500	12/01/92	001	/	12/03/92	GV	VBLKSH		METHYLENE CHLORIDE	5.00	BR	ug/L
SA005	1518	12/03/92	001	12/07/92	12/08/92	GR	SBLK87		BIS(2-ETHYLNEXYL)PHTHALATE	26.00	BR	ug/L
SA005	1518	12/03/92	001	12/07/92	12/08/92	GR	SBLK87		DI-N-BUTYLPHTHALATE	3.00	BR	ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		ALUMINUM	305.00		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		BARIUM	38.90		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		CALCIUM	18600.00		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		IRON	67.90	J	ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		MAGNESIUM	6880.00		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		MANGANESE	36.00		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		POTASSIUM	2850.00		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		SODIUM	16500.00		ug/L
SA005	1518	12/03/92	001	12/10/92	12/11/92	GR	M09		ZINC	4.20		ug/L
MA001	1533	12/05/92	001	12/09/92	12/12/92	GV	SBLK05		BIS(2-ETHYLNEXYL)PHTHALATE	1.00	BR	ug/L
MA001	1533	12/05/92	001	12/09/92	12/12/92	GV	SBLK05		DI-N-BUTYLPHTHALATE	2.00	J	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASEWIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	ALUMINUM	314.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	ARSENIC	84.50	J	ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	BARUM	36.70		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	CALCIUM	22400.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	COPPER	11.90		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	IRON	360.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	MAGNESIUM	5530.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	MANGANESE	172.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	POTASSIUM	8550.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	SELENIUM	4.70		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	SODIUM	236000.00		ug/L
NA001	1533	12/05/92	001	12/29/92	01/09/93	GN	M10	MET	VANADIUM	15.00		ug/L
NA001	1533	12/05/92	001	/ /	12/11/92	GN	HAZARAPBLKL	VOL	CHLOROFORM	2.00	J	ug/L
NA001	1533	12/05/92	001	/ /	12/11/92	GN	HAZARAPBLKL	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
NA001	1533	12/05/92	001	/ /	12/11/92	GN	HAZARAPBLKL	VOL	TOLUENE	1.00	J	ug/L
NA002	1546	03/03/93	001	03/04/93	03/09/93	GN	SBLK27	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	3.00	BR	ug/L
NA002	1546	03/03/93	001	03/04/93	03/09/93	GN	SBLK27	BNA	BUTYLBENZYL PHTHALATE	1.00		ug/L
NA002	1546	03/03/93	001	03/04/93	03/09/93	GN	SBLK27	BNA	DI-N-BUTYL PHTHALATE	1.00		ug/L
NA002	1546	03/03/93	001	03/04/93	03/09/93	GN	SBLK27	BNA	DIETHYL PHTHALATE	1.00		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	ALUMINUM	92.50	BR	ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	ARSENIC	137.00	J	ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	BARUM	17.70		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	CALCIUM	34600.00		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	COPPER	6.60		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	IRON	25.80	BR	ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	MAGNESIUM	3900.00		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	MANGANESE	79.40		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	POTASSIUM	11800.00		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	SODIUM	366000.00		ug/L
NA002	1546	03/03/93	001	03/09/93	03/10/93	GN	MET01	MET	VANADIUM	12.50		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM BASESIDE

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA002	1546	03/03/93	001	/ /	03/07/93	GM	VLKCB	VOL	CARBON DISULFIDE	9.00		ug/L
HA001	1547	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	8.00	BR	ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ALUMINUM	117.00	BR	ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ARSENIC	88.68	J	ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	BARIUM	39.40		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	CALCIUM	25000.00		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	COPPER	7.10		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	IRON	34.48	BR	ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	MAGNESIUM	4250.00		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	MANGANESE	15.60		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	POTASSIUM	7090.00		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	SELENIUM	5.50		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	SODIUM	250000.00		ug/L
HA001	1547	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	VANADIUM	13.00		ug/L
SD008	1562	03/04/93	001	/ /	03/12/93	SO	VLKCA	PHC	TPH BY GAS STD	0.07	BR	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH032	1112	12/07/92	003	12/16/92	12/19/92	SO	SBLK44		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	88.00	J	ug/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	ALUMINUM	11600.00		mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	ARSENIC	33.70	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	BARIUM	71.10	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	CALCIUM	4060.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	CHROMIUM	14.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	COBALT	9.90	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	COPPER	17.70	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	IRON	16900.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	LEAD	4.50	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	MAGNESIUM	5010.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	MANGANESE	346.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	NICKEL	23.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	POTASSIUM	3490.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	SODIUM	989.00	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	VANADIUM	61.90	J	mg/kg
BH032	1112	12/07/92	003	12/18/92	01/05/93	SO	M06		MET	ZINC	37.00	J	mg/kg
BH032	1112	12/07/92	003	/ /	12/19/92	SO	VBLCBH		PHC	GAS	84.69		mg/kg
BH032	1112	12/07/92	003	/ /	12/10/92	SO	VBLCBH		VOL	ACETONE	37.00	BR	ug/kg
BH032	1112	12/07/92	003	/ /	12/10/92	SO	VBLCBH		VOL	CHLOROFORM	1.00	J	ug/kg
BH032	1112	12/07/92	003	/ /	12/10/92	SO	VBLCBH		VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH032	1113	12/07/92	005	12/16/92	12/19/92	SO	SBLK44		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	55.00	J	ug/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	ALUMINUM	15100.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	ARSENIC	5.30	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	BARIUM	111.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	CALCIUM	5990.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	CHROMIUM	14.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	COBALT	8.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	COPPER	24.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06		MET	IRON	21200.00	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	LEAD	6.40	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	5030.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	MANGANESE	280.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	NICKEL	25.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	1820.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	SODIUM	879.00	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	VANADIUM	45.60	J	mg/kg
BH032	1113	12/07/92	005	12/18/92	01/06/93	SO	M06	MET	ZINC	58.00	J	mg/kg
BH032	1113	12/07/92	005	/ /	12/19/92	SO	VBLK8H	PHC	GAS	1.85		mg/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLK02	VOL	2-BUTANONE	12.00	J	ug/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLK02	VOL	ACETONE	44.00	BR	ug/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLK02	VOL	CHLOROFORM	1.00	J	ug/kg
BH032	1113	12/07/92	005	/ /	12/10/92	SO	VBLK02	VOL	METHYLENE CHLORIDE	22.00	BR	ug/kg
BH032	1114	12/07/92	007	12/16/92	12/19/92	SO	SBLK44	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	50.00	J	ug/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	12800.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	ARSENIC	4.90	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	BARIUM	64.10	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	CALCIUM	5380.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	14.70	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	COBALT	7.90	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	COPPER	23.60	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	IRON	21500.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	LEAD	4.50	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	4190.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	MANGANESE	142.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	NICKEL	16.10	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2360.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	SODIUM	1040.00	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	VANADIUM	58.50	J	mg/kg
BH032	1114	12/07/92	007	12/18/92	01/06/93	SO	M06	MET	ZINC	52.50	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
DH032	1114	12/07/92	007	/ /	12/19/92	SO	VLK2H	PHC	GAS	1.17		mg/kg
DH032	1114	12/07/92	007	/ /	12/10/92	SO	VLK2	VOL	ACETONE	25.00	DR	ug/kg
DH032	1114	12/07/92	007	/ /	12/10/92	SO	VLK2	VOL	CHLOROFORM	1.00	J	ug/kg
DH032	1114	12/07/92	007	/ /	12/10/92	SO	VLK2	VOL	METHYLENE CHLORIDE	30.00	DR	ug/kg
DH033	1115	12/07/92	003	12/16/92	12/19/92	SO	SBLK44	DNA	BIS(2-ETHYLMETHYL)PHTHALATE	89.00	J	ug/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	ALUMINUM	12100.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	ARSENIC	5.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	BARIUM	104.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	CALCIUM	4920.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	9.80	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	COBALT	7.30	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	COPPER	22.20	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	IRON	17100.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	LEAD	4.10	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	5730.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	MANGANESE	259.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	NICKEL	16.80	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2030.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	SODIUM	742.00	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	VANADIUM	45.10	J	mg/kg
DH033	1115	12/07/92	003	12/18/92	01/06/93	SO	M06	MET	ZINC	43.00	J	mg/kg
DH033	1115	12/07/92	003	/ /	12/10/92	SO	VLK2	VOL	ACETONE	19.00	DR	ug/kg
DH033	1115	12/07/92	003	/ /	12/10/92	SO	VLK2	VOL	METHYLENE CHLORIDE	25.00	DR	ug/kg
DH033	1116	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	DNA	2-METHYLMAPHTHALENE	84.00	J	ug/kg
DH033	1116	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	DNA	BIS(2-ETHYLMETHYL)PHTHALATE	42.00	J	ug/kg
DH033	1116	12/07/92	005	12/16/92	12/19/92	SO	SBLK44	DNA	MAPHTHALENE	52.00	J	ug/kg
DH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	ALUMINUM	9990.00	J	mg/kg
DH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	ARSENIC	47.60	J	mg/kg
DH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	BARIUM	79.10	J	mg/kg
DH033	1116	12/07/92	005	12/17/92	12/24/92	SO	M07	MET	CALCIUM	4760.00	J	mg/kg

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

Table D.1. (cont.)

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	CHROMIUM	16.00	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	COBALT	10.40	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	COPPER	17.60	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	IRON	19600.00	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	LEAD	3.50	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	MAGNESIUM	2650.00	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	MANGANESE	910.00	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	MERCURY	1.10	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	NICKEL	16.50	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	POTASSIUM	1630.00	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	SODIUM	912.00	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	VANADIUM	33.30	J	ug/kg
BH033	116	12/07/92	005	12/17/92	12/26/92	SO	M07	NET	ZINC	41.50	J	ug/kg
BH033	116	12/07/92	005	/ /	12/19/92	SO	VL00M	PNC	GAS	12.43		ug/kg
BH033	116	12/07/92	005	/ /	12/10/92	SO	VL002	VOL	1,2-DICHLOROETHENE (TOTAL)	8.00	J	ug/kg
BH033	116	12/07/92	005	/ /	12/10/92	SO	VL002	VOL	ACETONE	16.00	BR	ug/kg
BH033	116	12/07/92	005	/ /	12/10/92	SO	VL002	VOL	CHLOROFORM	2.00	J	ug/kg
BH033	116	12/07/92	005	/ /	12/10/92	SO	VL002	VOL	ETHYLENE	17.00		ug/kg
BH033	116	12/07/92	005	/ /	12/10/92	SO	VL002	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH033	116	12/07/92	005	/ /	12/10/92	SO	VL002	VOL	XYLENES (TOTAL)	13.00		ug/kg
BH033	117	12/07/92	007	12/16/92	12/19/92	SO	SLK44	BMA	2-METHYLNAPHTHALENE	91.00	J	ug/kg
BH033	117	12/07/92	007	12/16/92	12/19/92	SO	SLK44	BMA	BIS(2-ETHYLNEXTLYNPTNALATE	60.00	J	ug/kg
BH033	117	12/07/92	007	12/16/92	12/19/92	SO	SLK44	BMA	NAPHTHALENE	110.00	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	ALUMINUM	11000.00	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	ARSENIC	78.00	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	BARIUM	104.00	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	BERYLLIUM	0.53	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	CALCIUM	9930.00	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	CHROMIUM	16.70	J	ug/kg
BH033	117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	COBALT	8.60	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	COPPER	20.30	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	IRON	20200.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	LEAD	2.30	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	MAGNESIUM	3420.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	MANGANESE	124.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	NICKEL	11.70	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	POTASSIUM	1760.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	SODIUM	997.00	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	VANADIUM	66.90	J	mg/kg
BH033	1117	12/07/92	007	12/17/92	12/26/92	SO	M07	NET	ZINC	47.00	J	mg/kg
BH033	1117	12/07/92	007	/ /	12/19/92	SO	VBLCBH	PHC	GAS	0.72		mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLCB2	VOL	1,2-DICHLOROETHENE (TOTAL)	48.00	BR	mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLCB2	VOL	ACETONE	20.00	BR	mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLCB2	VOL	CHLOROFORM	2.00	J	mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLCB2	VOL	ETHYLBENZENE	12.00	J	mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLCB2	VOL	METHYLENE CHLORIDE	30.00	BR	mg/kg
BH033	1117	12/07/92	007	/ /	12/10/92	SO	VBLCB2	BMA	BIS(2-ETHYLNEXTYL)PHTHALATE	79.00	J	mg/kg
BH034	1116	12/07/92	003	12/16/92	12/20/92	SO	SBLK44	NET	ALUMINUM	19000.00	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	ARGENTIC	6.70	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	BARIUM	125.00	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	BERYLLIUM	0.56	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	CALCIUM	6770.00	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	CHROMIUM	18.20	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	COBALT	9.40	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	COPPER	21.20	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	IRON	25000.00	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	LEAD	5.50	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	MAGNESIUM	6390.00	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	MANGANESE	348.00	J	mg/kg
BH034	1116	12/07/92	003	12/17/92	01/07/93	SO	M07	NET	NICKEL	27.30	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	2440.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	SODIUM	1150.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	VANADIUM	72.00	J	mg/kg
BH034	1118	12/07/92	003	12/17/92	01/07/93	SO	M07	MET	ZINC	52.70	J	mg/kg
BH034	1118	12/07/92	003	/ /	12/19/92	SO	VLKBH	PNC	GAS	0.17		mg/kg
BH034	1118	12/07/92	003	/ /	12/10/92	SO	VLKD2	VOL	2-BUTANONE	9.00	J	ug/kg
BH034	1118	12/07/92	003	/ /	12/10/92	SO	VLKD2	VOL	ACETONE	32.00	BR	ug/kg
BH034	1118	12/07/92	003	/ /	12/10/92	SO	VLKD2	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
BH034	1119	12/07/92	005	12/16/92	12/23/92	SO	SBLK44	BNA	BIS(2-ETHYLNEXTL)PHTHALATE	120.00	J	ug/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	ALUMINUM	10000.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	ARSENIC	3.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	BARIUM	73.70	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	CALCIUM	4090.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	15.90	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	COBALT	8.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	COPPER	17.20	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	IRON	17700.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	LEAD	4.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	3230.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	MANGANESE	246.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	1900.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	SODIUM	990.00	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	VANADIUM	36.70	J	mg/kg
BH034	1119	12/07/92	005	12/17/92	01/07/93	SO	M07	MET	ZINC	41.40	J	mg/kg
BH034	1119	12/07/92	005	/ /	12/10/92	SO	VLKD2	VOL	ACETONE	21.00	BR	ug/kg
BH034	1119	12/07/92	005	/ /	12/10/92	SO	VLKD2	VOL	CHLOROFORM	1.00	J	ug/kg
BH034	1119	12/07/92	005	/ /	12/10/92	SO	VLKD2	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
MA011	1508	12/02/92	001	12/07/92	12/09/92	GM	SBLK01	BNA	BIS(2-ETHYLNEXTL)PHTHALATE	3.00	BR	ug/L
MA011	1508	12/02/92	001	12/07/92	12/09/92	GM	SBLK01	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MA011	1508	12/02/92	001	12/10/92	12/11/92	GM	M09	MET	ALUMINUM	392.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	ARSENIC	45.20	J	ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	BARIUM	64.20		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	CALCIUM	66600.00		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	COPPER	11.30		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	MAGNESIUM	21100.00		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	MANGANESE	1350.00		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	POTASSIUM	17200.00		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	SODIUM	132000.00		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	VANADIUM	6.90		ug/L
NA011	1508	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	ZINC	4.90		ug/L
NA011	1508	12/02/92	001	/ /	12/09/92	GW	VLKVO	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
NA008	1514	12/02/92	001	12/04/92	12/08/92	GW	SBLK81	BNA	818(2-ETHYLMETHYL)PHTHALATE	2.00	BR	ug/L
NA008	1514	12/02/92	001	12/04/92	12/08/92	GW	SBLK81	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	ALUMINUM	309.00		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	ARSENIC	43.40	J	ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	BARIUM	95.50		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	CALCIUM	61600.00		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	IRON	35.90	J	ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	MAGNESIUM	12400.00		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	MANGANESE	248.00		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	POTASSIUM	12400.00		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	SODIUM	150000.00		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	VANADIUM	13.50		ug/L
NA008	1514	12/02/92	001	12/10/92	12/11/92	GW	M09	MET	ZINC	5.30		ug/L
NA008	1514	12/02/92	001	/ /	12/09/92	GW	VLKVO	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
NA008	1514	12/02/92	001	/ /	12/09/92	GW	VLKVO	VOL	TRICHLOROETHENE	6.00		ug/L
NA009	1519	12/03/92	001	12/07/92	12/08/92	GW	SBLK87	BNA	818(2-ETHYLMETHYL)PHTHALATE	1.00	BR	ug/L
NA009	1519	12/03/92	001	12/07/92	12/08/92	GW	SBLK87	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
NA009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	ALUMINUM	346.00		ug/L
NA009	1519	12/03/92	001	12/10/92	12/11/92	GW	M09	MET	ARSENIC	26.00	J	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	BARITUM	50.20		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	CALCIUM	43200.00		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	COPPER	11.10		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	MAGNESIUM	8300.00		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	MANGANESE	111.00		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	POTASSIUM	8820.00		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	SODIUM	98700.00		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	VANADIUM	11.90		ug/L
MA009	1519	12/03/92	001	12/10/92	12/11/92	GW	MD9	MET	ZINC	5.30		ug/L
MA008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	DMA	BIS(2-ETHYLHEXYL)PHTHALATE	8.00	DR	ug/L
MA008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	DMA	BUTYLBENZYL PHTHALATE	2.00	DR	ug/L
MA008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	DMA	DIETHYL PHTHALATE	1.00	J	ug/L
MA008	1588	03/07/93	001	03/10/93	03/12/93	GW	SBLK51	DMA	PENTACHLOROPHENOL	1.00	J	ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	ALUMINUM	140.00	DR	ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	ARSENIC	50.00		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	BARITUM	41.70		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	CALCIUM	85400.00		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	IRON	65.50		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	MAGNESIUM	17000.00		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	MANGANESE	127.00		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	POTASSIUM	10400.00	J	ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	SODIUM	157000.00		ug/L
MA008	1588	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	VANADIUM	11.00		ug/L
MA008	1588	03/07/93	001	/	/	GW	VLKX5	VOL	1,2-DICHLOROETHENE (TOTAL)	5.20		ug/L
MA008	1588	03/07/93	001	/	/	GW	VLKX5	VOL	METHYLENE CHLORIDE	18.00		ug/L
MA008	1588	03/07/93	001	/	/	GW	VLKX5	VOL	TRICHLOROETHENE	6.00	DR	ug/L
MA011	1589	03/07/93	001	03/11/93	03/13/93	GW	SBLK63	DMA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
MA011	1589	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	ALUMINUM	2.00	DR	ug/L
MA011	1589	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET	ANTIMONY	115.00	DR	ug/L
MA011	1589	03/07/93	001	03/18/93	03/21/93	GW	NET02	MET		36.20		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 2

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	ARSENIC	49.80		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	BARIUM	92.20		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	CALCIUM	53500.00		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	IRON	262.00		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	MAGNESIUM	24700.00		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	MANGANESE	3030.00		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	POTASSIUM	15800.00	J	ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	SODIUM	81100.00		ug/L
HA011	1589	03/07/93	001	03/18/93	03/21/93	GM	MET02	MET	ZINC	8.70		ug/L
HA011	1589	03/07/93	001	/ /	03/11/93	GM	VBKHS	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
HA009	1590	03/07/93	001	03/11/93	03/13/93	GM	SBLK64	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
HA009	1590	03/07/93	001	03/11/93	03/13/93	GM	SBLK64	BNA	PENTACHLOROPHENOL	2.00	J	ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	ALUMINUM	134.00	BR	ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	ARSENIC	29.50		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	BARIUM	25.50		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	CALCIUM	74300.00		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	IRON	21.70		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	MAGNESIUM	15800.00		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	MANGANESE	93.60		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	POTASSIUM	9130.00	J	ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	SODIUM	132000.00		ug/L
HA009	1590	03/07/93	001	03/18/93	03/22/93	GM	MET02	MET	VANADIUM	17.70		ug/L
HA009	1590	03/07/93	001	/ /	03/11/93	GM	VBKHS	VOL	METHYLENE CHLORIDE	24.00	BR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH001	1018	12/03/92	002	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLNERYL)PHTHALATE	220.00	BR	ug/kg
BH001	1018	12/03/92	002	12/10/92	12/13/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	230.00	BR	ug/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	24200.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ARSENIC	32.10	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	BARIUM	163.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CALCIUM	60300.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	9.60	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COBALT	9.40	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COPPER	21.90	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	IRON	19300.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	LEAD	16.20	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	13000.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MANGANESE	420.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	3310.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	SODIUM	1530.00	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	VANADIUM	52.20	J	mg/kg
BH001	1018	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ZINC	51.40	J	mg/kg
BH001	1018	12/03/92	002	/ /	12/10/92	SO	VLL02	VOL	ACETONE	51.00	BR	ug/kg
BH001	1018	12/03/92	002	/ /	12/10/92	SO	VLL02	VOL	METHYLENE CHLORIDE	28.00	BR	ug/kg
BH001	1019	12/03/92	004	12/10/92	12/13/92	SO	SBLK13	BNA	BIS(2-ETHYLNERYL)PHTHALATE	100.00	BR	ug/kg
BH001	1019	12/03/92	004	12/10/92	12/13/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	18708.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ARSENIC	80.10	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	BARIUM	126.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CALCIUM	3960.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.10	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COBALT	9.50	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	COPPER	25.60	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	IRON	24300.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	LEAD	8.50	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4450.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	MANGANESE	490.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	NICKEL	15.90	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2120.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	SODIUM	1380.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	VANADIUM	55.90	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ZINC	55.00	J	mg/kg
BH001	1019	12/03/92	004	12/11/92	12/15/92	SO	M03	MET	ACETONE	14.00	BR	ug/kg
BH001	1019	12/03/92	004	/ /	12/09/92	SO	VBKJ9	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH001	1020	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH001	1020	12/03/92	006	12/10/92	12/12/92	SO	SBLK13	BNA	DI-N-BUTYL PHTHALATE	160.00	BR	ug/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	15600.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	41.90	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	92.10	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5170.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	11.20	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COBALT	12.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	22.30	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	27800.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	5.10	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6130.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	304.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	17.60	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2610.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1430.00	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	59.30	J	mg/kg
BH001	1020	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	62.90	J	mg/kg
BH001	1020	12/03/92	006	/ /	12/09/92	SO	VBKJ9	VOL	ACETONE	19.00	BR	ug/kg
BH001	1020	12/03/92	006	/ /	12/09/92	SO	VBKJ9	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
BH002	1025	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	150.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH002	1025	12/03/92	002	12/10/92	12/14/92	S0	SBLK13	BNA	DI-N-BUTYLPHTHALATE	170.00	BR	ug/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	ALUMINUM	20000.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	ARSENIC	16.10	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	BARUM	179.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	CALCIUM	4550.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	CHROMIUM	9.10	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	COBALT	10.80	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	COPPER	21.90	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	IRON	19900.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	LEAD	8180.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	MAGNESIUM	8180.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	MANGANESE	549.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	NICKEL	10.40	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	POTASSIUM	3030.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	SODIUM	2430.00	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	VANADIUM	44.50	J	mg/kg
BH002	1025	12/03/92	002	12/11/92	12/15/92	S0	M03	MET	ZINC	43.50	J	mg/kg
BH002	1025	12/03/92	002	/ /	12/09/92	S0	VBLK5	VOL	ACETONE	15.00	BR	ug/kg
BH002	1025	12/03/92	002	/ /	12/09/92	S0	VBLK5	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
BH002	1026	12/03/92	006	12/10/92	12/13/92	S0	SBLK13	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	200.00	BR	ug/kg
BH002	1026	12/03/92	006	12/10/92	12/13/92	S0	SBLK13	BNA	DI-N-BUTYLPHTHALATE	220.00	BR	ug/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	ALUMINUM	13100.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	ARSENIC	13.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	BARUM	82.10	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	CALCIUM	5900.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	CHROMIUM	11.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	COBALT	9.70	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	COPPER	25.50	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	IRON	22200.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	S0	M03	MET	LEAD	3.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	6210.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	288.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MERCURY	0.34	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	20.90	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2000.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1550.00	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	53.90	J	mg/kg
BH002	1026	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	59.20	J	mg/kg
BH002	1026	12/03/92	006	/ /	12/09/92	SO	VLKKS	VOL	ACETONE	18.00	BR	ug/kg
BH002	1026	12/03/92	006	/ /	12/09/92	SO	VLKKS	VOL	METHYLENE CHLORIDE	47.00	BR	ug/kg
BH002	1027	12/03/92	014	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLMETHYL)PHTHALATE	130.00	BR	ug/kg
BH002	1027	12/03/92	014	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	180.00	BR	ug/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	8420.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	ARSENIC	17.50	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	BARIUM	48.30	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	CALCIUM	4320.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	10.20	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	COBALT	6.30	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	COPPER	21.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	IRON	18900.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	LEAD	3.50	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	3290.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	MANGANESE	228.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	SODIUM	967.00	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	VANADIUM	65.50	J	mg/kg
BH002	1027	12/03/92	014	12/11/92	12/15/92	SO	M03	MET	ZINC	39.80	J	mg/kg
BH002	1027	12/03/92	014	/ /	12/09/92	SO	VLKKS	VOL	ACETONE	18.00	BR	ug/kg
BH002	1027	12/03/92	014	/ /	12/09/92	SO	VLKKS	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
BH003	1028	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	BIS(2-ETHYLMETHYL)PHTHALATE	140.00	BR	ug/kg
BH003	1028	12/03/92	002	12/10/92	12/14/92	SO	SBLK13	BNA	DI-N-BUTYLPHTHALATE	150.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	16900.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ARSENIC	24.90	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	BARIUM	178.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CALCIUM	14500.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.36	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	COPPER	9.90	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	IRON	21.70	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	LEAD	21200.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	8.90	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	MANGANESE	6970.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	NICKEL	412.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	15.50	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	SODIUM	2330.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	VANADIUM	1350.00	J	mg/kg
BH003	1026	12/03/92	002	12/11/92	12/15/92	SO	M03	MET	ZINC	56.60	J	mg/kg
BH003	1026	12/03/92	002	/ /	12/09/92	SO	VBKKS	VOL	ACETONE	53.50	J	mg/kg
BH003	1026	12/03/92	002	/ /	12/09/92	SO	VBKKS	VOL	METHYLENE CHLORIDE	13.00	BR	mg/kg
BH003	1029	12/03/92	006	12/10/92	12/16/92	SO	SBLK13	BMA	818(2-ETHYLNETHYL)PHTHALATE	27.00	BR	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/16/92	SO	SBLK13	BMA	DI-N-BUTYLPHTHALATE	110.00	BR	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	140.00	BR	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ARSENIC	18800.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BARIUM	7.90	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	BERYLLIUM	130.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CALCIUM	0.60	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	6160.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	COPPER	19.70	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	IRON	11.60	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	25.40	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	23700.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	LEAD	5.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	5660.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	202.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	23.20	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	1320.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	2040.00	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	74.70	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	57.90	J	mg/kg
BH003	1029	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ACETONE	16.00	BR	ug/kg
BH003	1029	12/03/92	006	/ /	12/09/92	SO	VLKX5	VOL	CHLOROFORM	2.00	J	ug/kg
BH003	1029	12/03/92	006	/ /	12/09/92	SO	VLKX5	VOL	METHYLENE CHLORIDE	27.00	BR	ug/kg
BH003	1030	12/03/92	008	12/10/92	12/14/92	SO	SLK13	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	120.00	BR	ug/kg
BH003	1030	12/03/92	008	12/10/92	12/14/92	SO	SLK13	BNA	DI-N-BUTYLPHTHALATE	190.00	BR	ug/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	16800.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ARSENIC	15.50	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	BARIUM	221.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5770.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	16.30	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COBALT	11.70	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	COPPER	26.20	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	IRON	19600.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	LEAD	6.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	4490.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	MANGANESE	124.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	NICKEL	16.90	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	SODIUM	1750.00	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	VANADIUM	61.20	J	mg/kg
BH003	1030	12/03/92	008	12/11/92	12/15/92	SO	M03	MET	ZINC	62.60	J	mg/kg
BH003	1030	12/03/92	008	/ /	12/09/92	SO	VLKX5	VOL	ACETONE	20.00	BR	ug/kg
BH003	1030	12/03/92	008	/ /	12/09/92	SO	VLKX5	VOL	CHLOROFORM	2.00	J	ug/kg
BH003	1030	12/03/92	008	/ /	12/09/92	SO	VLKX5	VOL	METHYLENE CHLORIDE	30.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH004	1031	12/03/92	004	12/10/92	12/14/92	SO	SBLK12		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	84.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	ALUMINUM	15700.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	ARSENIC	72.80	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	BARIUM	229.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	CALCIUM	3550.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	CHROMIUM	10.50	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	COBALT	15.30	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	COPPER	23.70	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	IRON	23400.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	LEAD	7.70	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	MAGNESIUM	4260.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	MANGANESE	1150.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	NICKEL	15.90	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	POTASSIUM	1050.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	SODIUM	1260.00	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	VANADIUM	45.80	J	ug/kg
BH004	1031	12/03/92	004	12/11/92	12/15/92	SO	M03		MET	ZINC	38.60	J	ug/kg
BH004	1031	12/03/92	004	/ /	12/09/92	SO	VLKKS		VOL	ACETONE	23.00	BR	ug/kg
BH004	1031	12/03/92	004	/ /	12/09/92	SO	VLKKS		VOL	CHLOROFORM	1.00	J	ug/kg
BH004	1031	12/03/92	004	/ /	12/09/92	SO	VLKKS		VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
BH005	1032	12/03/92	006	12/10/92	12/14/92	SO	SBLK12		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	63.00	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	ALUMINUM	9510.00	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	ARSENIC	10.00	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	BARIUM	63.10	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	CALCIUM	3650.00	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	CHROMIUM	9.80	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	COBALT	7.90	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	COPPER	15.60	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	IRON	23700.00	J	ug/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03		MET	LEAD	5.50	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	2060.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	MANGANESE	112.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	NICKEL	10.50	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	SODIUM	1040.00	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	VANADIUM	50.70	J	mg/kg
BH005	1032	12/03/92	006	12/11/92	12/15/92	SO	M03	MET	ZINC	38.10	J	mg/kg
BH005	1032	12/03/92	006	/ /	12/09/92	SO	VLKX5	VOL	ACETONE	15.00	BR	ug/kg
BH005	1032	12/03/92	006	/ /	12/09/92	SO	VLKX5	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH005	1033	12/03/92	007	12/10/92	12/14/92	SO	SBLK12	DMA	BIS(2-ETHYLNEXYL)PHTHALATE	83.00	J	ug/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	ALUMINUM	16300.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	ARSENIC	14.10	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	BARIUM	83.50	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	CALCIUM	5460.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	CHROMIUM	12.20	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	COBALT	9.30	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	COPPER	22.70	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	IRON	25100.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	LEAD	4.30	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	MAGNESIUM	7150.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	MANGANESE	273.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	NICKEL	26.60	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	POTASSIUM	2260.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	SODIUM	1410.00	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	VANADIUM	50.60	J	mg/kg
BH005	1033	12/03/92	007	12/11/92	12/15/92	SO	M03	MET	ZINC	49.00	J	mg/kg
BH005	1033	12/03/92	007	/ /	12/09/92	SO	VLKX5	VOL	ACETONE	18.00	BR	ug/kg
BH005	1033	12/03/92	007	/ /	12/09/92	SO	VLKX5	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
ML020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	ALUMINUM	194.00		ug/L
ML020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	ARSENIC	37.90	J	ug/L
ML020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	BARIUM	53.20		ug/L

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

Table D.1. (cont.)

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	CALCIUM	45400.00		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	COPPER	8.20		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	IRON	75.20		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	MAGNESIUM	16000.00		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	MANGANESE	256.00		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	POTASSIUM	11000.00		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	SODIUM	279000.00		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	VANADIUM	9.70		ug/L
MA020	1529	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	ZINC	7.00		ug/L
MA020	1529	12/05/92	001	/ /	12/11/92	GM	HAZARAPBLK2		VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
MA021	1530	12/05/92	001	12/08/92	12/12/92	GM	SBLK05		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	1.00	BR	ug/L
MA021	1530	12/05/92	001	12/08/92	12/12/92	GM	SBLK05		BNA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	ALUMINUM	178.00		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	ARSENIC	39.00	J	ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	BARIUM	43.70		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	CALCIUM	44100.00		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	MAGNESIUM	12800.00		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	MANGANESE	27.00		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	POTASSIUM	9030.00		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	SODIUM	221000.00		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	VANADIUM	10.60		ug/L
MA021	1530	12/05/92	001	12/29/92	01/09/93	GM	M10		MET	ZINC	4.00		ug/L
MA021	1530	12/05/92	001	/ /	12/11/92	GM	HAZARAPBLK1		VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MA021	1531	12/05/92	002	12/09/92	12/12/92	WR	SBLK05		BNA	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
MA021	1531	12/05/92	002	12/09/92	12/12/92	WR	SBLK05		BNA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10		MET	ALUMINUM	202.00		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10		MET	ARSENIC	32.00	J	ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10		MET	BARIUM	44.10		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10		MET	CALCIUM	43700.00		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	WR	M10		MET	COPPER	9.60		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA021	1531	12/05/92	002	12/29/92	01/09/93	UR	M10	MET	MAGNESIUM	12800.00		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	UR	M10	MET	MANGANESE	26.40		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	UR	M10	MET	POTASSIUM	10300.00		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	UR	M10	MET	SODIUM	223000.00		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	UR	M10	MET	VANADIUM	10.30		ug/L
MA021	1531	12/05/92	002	12/29/92	01/09/93	UR	M10	MET	ZINC	5.60		ug/L
MA021	1531	12/05/92	002	/ /	12/11/92	UR	HAZARAPBLKL	VOL	METHYLENE CHLORIDE	1.00	DR	ug/L
MA022	1532	12/05/92	001	12/09/92	12/11/92	GM	SBLK05	DNA	BIS(2-ETHYLNEXYL)PHTHALATE	1.00	DR	ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	ALUMINUM	196.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	ARSENIC	23.20	J	ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	BARIUM	66.50		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	CALCIUM	57400.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	COPPER	11.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	IRON	75.20		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	MAGNESIUM	18100.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	MANGANESE	328.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	POTASSIUM	14800.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	SODIUM	304000.00		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	VANADIUM	6.70		ug/L
MA022	1532	12/05/92	001	12/29/92	01/09/93	GM	M10	MET	ZINC	4.20		ug/L
MA022	1532	12/05/92	001	/ /	12/11/92	GM	HAZARAPBLKL	VOL	METHYLENE CHLORIDE	1.00	DR	ug/L
MA022	1532	12/05/92	001	/ /	12/11/92	GM	HAZARAPBLKL	VOL	TOLUENE	2.00	J	ug/L
MA020	1566	03/05/93	001	03/10/93	03/12/93	GM	SBLK50	DNA	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	DR	ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	ALUMINUM	104.91	DR	ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	ANTIMONY	30.00		ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	ARSENIC	38.71	J	ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	BARIUM	83.60		ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	BERYLLIUM	1.00		ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	CADMIUM	5.00		ug/L
MA020	15660L	03/05/93	001	03/09/93	03/10/93	GM	MET01	MET	CALCIUM	47335.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	CHROMIUM	6.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	COBALT	9.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	COPPER	4.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	IRON	34.42	BR	ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	LEAD	2.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	MAGNESIUM	15718.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	MANGANESE	239.81		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	MERCURY	0.20	J	ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	NICKEL	13.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	POTASSIUM	7997.40		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	SELENIUM	3.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	SILVER	5.00	J	ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	SODIUM	260990.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	THALLIUM	3.00		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	VANADIUM	8.28		ug/L
HA020	15660L	03/05/93	001	03/09/93	03/10/93	GV	MET01	MET	ZINC	5.77	BR	ug/L
HA020	1566	03/05/93	001	/ /	03/11/93	GV	VLKG4	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
HA021	1567	03/05/93	001	03/10/93	03/12/93	GV	SBKSO	BNA	BIS(2-ETHYLBENZYL)PHTHALATE	2.00	BR	ug/L
HA021	1567	03/05/93	001	03/10/93	03/12/93	GV	SBKSO	BNA	BUTYLBENZYL PHTHALATE	1.00	BR	ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	ALUMINUM	85.78	BR	ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	ARSENIC	30.30	J	ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	BARIUM	52.40		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	CALCIUM	49080.00		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	COPPER	6.20		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	IRON	25.90	BR	ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	MAGNESIUM	14100.00		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	MANGANESE	17.10		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	POTASSIUM	9330.00		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	SODIUM	233000.00		ug/L
HA021	1567	03/05/93	001	03/09/93	03/14/93	GV	MET01	MET	VANADIUM	7.30		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 3

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MU021	1567	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	ZINC	6.20	BR	ug/L
MU021	1568	03/05/93	002	03/10/93	03/12/93	UR	SBLK50	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	6.00	BR	ug/L
MU021	1568	03/05/93	002	03/10/93	03/12/93	UR	SBLK50	BNA	DIETHYLPHTHALATE	1.00		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	ALUMINUM	81.80	BR	ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	ARSENIC	26.90		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	BARIUM	50.40		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	CALCIUM	48900.00		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	IRON	17.20	BR	ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	MAGNESIUM	14000.00		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	MANGANESE	15.30		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	POTASSIUM	8460.00		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	SODIUM	227000.00		ug/L
MU021	1568	03/05/93	002	03/09/93	03/14/93	UR	MET01	MET	VANADIUM	9.20		ug/L
MU022	1573	03/05/93	001	03/09/93	03/12/93	GU	SBLK45	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	9.00	BR	ug/L
MU022	1573	03/05/93	001	03/09/93	03/12/93	GU	SBLK45	BNA	BUTYLBENZYL PHTHALATE	2.00	BR	ug/L
MU022	1573	03/05/93	001	03/09/93	03/12/93	GU	SBLK45	BNA	DIETHYLPHTHALATE	1.00	BR	ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	ALUMINUM	97.60	BR	ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	ARSENIC	15.80		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	BARIUM	63.10		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	CALCIUM	62900.00		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	MAGNESIUM	17900.00		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	MANGANESE	236.00		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	POTASSIUM	11700.00		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	SODIUM	280000.00		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	VANADIUM	6.20		ug/L
MU022	1573	03/05/93	001	03/09/93	03/14/93	GU	MET01	MET	ZINC	5.30	BR	ug/L
MU022	1573	03/05/93	001	/ /	03/11/93	GU	VBK64	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BW012	1047	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	170.00	J	ug/kg
BW012	1047	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYL PHTHALATE	130.00	BR	ug/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	ALUMINUM	21800.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	ARSENIC	28.70		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	BARIUM	172.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	CALCIUM	47900.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	CHROMIUM	8.20		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	COBALT	8.90		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	COPPER	26.50		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	IRON	18800.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	LEAD	7.20		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	MAGNESIUM	10900.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	MANGANESE	396.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	NICKEL	12.40		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	POTASSIUM	2810.00		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	SODIUM	1380.00	J	mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	VANADIUM	49.90		mg/kg
BW012	1047	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	ZINC	54.00		mg/kg
BW012	1047	12/04/92	002	12/17/92	12/18/92	SO	VLK80	PNC	GAS	0.01	J	mg/kg
BW012	1047	12/04/92	002	/	12/08/92	SO	VLKX6	VOL	ACETONE	13.00	BR	ug/kg
BW012	1047	12/04/92	002	/	12/08/92	SO	VLKX6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BW012	1048	12/04/92	006	12/11/92	12/14/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	180.00	J	ug/kg
BW012	1048	12/04/92	006	12/11/92	12/14/92	SO	SBLK24	BNA	DI-N-BUTYL PHTHALATE	120.00	BR	ug/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	ALUMINUM	16400.00		mg/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	ARSENIC	34.50		mg/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	BARIUM	273.00		mg/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	BERYLLIUM	0.49		mg/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	CALCIUM	4080.00		mg/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	CHROMIUM	11.30		mg/kg
BW012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	COBALT	12.70		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COPPER	25.70		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	IRON	20400.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	LEAD	7.50		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	4020.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MANGANESE	2140.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	NICKEL	15.90		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	1490.00		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	SODIUM	995.00	J	mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	VANADIUM	51.90		mg/kg
BH012	1048	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ZINC	51.70		mg/kg
BH012	1048	12/04/92	006	/ /	12/08/92	SO	VBKX6	VOL	ACETONE	18.00	BR	mg/kg
BH012	1048	12/04/92	006	/ /	12/08/92	SO	VBKX6	VOL	METHYLENE CHLORIDE	18.00	BR	mg/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	2-METHYLNAPHTHALENE	910.00		mg/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	816(2-ETHYLNETHYLNAPHTHALENE	590.00	J	mg/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	DI-N-BUTYLNAPHTHALENE	120.00	BR	mg/kg
BH012	1049	12/04/92	008	12/11/92	12/15/92	SO	SBLK24	BNA	NAPHTHALENE	1500.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	19900.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ARGENTIC	14.10		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	BARIUM	191.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CALCIUM	4900.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	13.30		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COBALT	14.30		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COPPER	20.40		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	IRON	26600.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	LEAD	8.20		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	5180.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MANGANESE	282.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	NICKEL	18.40		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	2480.00		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	SODIUM	1220.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	Vanadium	53.10		mg/kg
BH012	1049	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	Zinc	46.40		mg/kg
BH012	1049	12/04/92	008	12/17/92	12/18/92	SO	VBK00	PHC	Gas	630.00		mg/kg
BH012	1049	12/04/92	008	/ /	12/11/92	SO	VBK01	VOL	Ethylbenzene	1300.00	J	ug/kg
BH012	1049	12/04/92	008	/ /	12/11/92	SO	VBK01	VOL	Methylene chloride	1900.00	J	ug/kg
BH012	1049	12/04/92	008	/ /	12/11/92	SO	VBK01	VOL	Xylenes (total)	4600.00		ug/kg
BH013	1050	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	Bis(2-ethylhexyl)phthalate	230.00	J	ug/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Aluminum	25500.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Arsenic	26.20		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Barium	223.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Calcium	35200.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Chromium	14.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Cobalt	10.60		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Copper	27.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Iron	21400.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Lead	10.70		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Magnesium	16900.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Manganese	506.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Nickel	11.30		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Potassium	5300.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Sodium	1870.00	J	mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Vanadium	55.00		mg/kg
BH013	1050	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	Zinc	103.00		mg/kg
BH013	1050	12/04/92	002	/ /	12/08/92	SO	VBK06	VOL	Acetone	15.00	BR	ug/kg
BH013	1050	12/04/92	002	/ /	12/08/92	SO	VBK06	VOL	Methylene chloride	24.00	BR	ug/kg
BH013	1051	12/04/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	Bis(2-ethylhexyl)phthalate	190.00	J	ug/kg
BH013	1051	12/04/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	Di-n-butylphthalate	130.00	BR	ug/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	Aluminum	31900.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	Arsenic	34.70	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	Barium	221.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	BERYLLIUM	0.59	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	CALCIUM	42200.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	13.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	COBALT	10.80	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	COPPER	25.50	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	IRON	23700.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	LEAD	8.10	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	11600.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	MANGANESE	467.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	3650.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	SODIUM	1230.00	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	VANADIUM	57.80	J	mg/kg
BH013	1051	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ZINC	58.00	J	mg/kg
BH013	1051	12/04/92	004	/ /	12/08/92	SO	VBKK6	VOL	ACETONE	24.00	BR	ug/kg
BH013	1051	12/04/92	004	/ /	12/08/92	SO	VBKK6	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH013	1052	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	J	ug/kg
BH013	1052	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	93.00	BR	ug/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	ALUMINUM	15100.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	ARSENIC	21.10	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	BARIUM	135.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	CALCIUM	3880.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	CHROMIUM	11.60	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	COBALT	8.90	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	COPPER	22.60	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	IRON	18500.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	LEAD	7.10	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	MAGNESIUM	4110.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	MANGANESE	227.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	NICKEL	12.60	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	POTASSIUM	2070.00	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	SODIUM	1010.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	VANADIUM	51.00	J	mg/kg
BH013	1052	12/04/92	008	12/16/92	01/04/93	SO	M05	MET	ZINC	41.20	J	mg/kg
BH013	1052	12/04/92	008	12/17/92	12/18/92	SO	VBLK80	PHC	GAS	120.00		mg/kg
BH013	1052	12/04/92	008	/ /	12/08/92	SO	VBLK6	VOL	ACETONE	29.00	BR	ug/kg
BH013	1052	12/04/92	008	/ /	12/08/92	SO	VBLK6	VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH014	1053	12/04/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	330.00	J	ug/kg
BH014	1053	12/04/92	004	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	17700.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ARSENIC	53.90	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	BARIUM	200.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	BERYLLIUM	0.51	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	CALCIUM	8710.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	10.70	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	COBALT	11.90	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	COPPER	29.10	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	IRON	21000.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	LEAD	7.70	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	6290.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	MANGANESE	996.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	2650.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	SODIUM	1080.00	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	VANADIUM	44.30	J	mg/kg
BH014	1053	12/04/92	004	12/16/92	12/23/92	SO	M05	MET	ZINC	55.70	J	mg/kg
BH014	1053	12/04/92	004	12/17/92	12/17/92	SO	VBLK80	PHC	GAS	0.10	J	mg/kg
BH014	1053	12/04/92	004	/ /	12/10/92	SO	VBLK2	VOL	ACETONE	55.00	BR	ug/kg
BH014	1053	12/04/92	004	/ /	12/10/92	SO	VBLK2	VOL	CHLOROFORM	1.00	J	ug/kg
BH014	1053	12/04/92	004	/ /	12/10/92	SO	VBLK2	VOL	METHYLENE CHLORIDE	30.00	BR	ug/kg
BH014	1054	12/04/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	73.00	J	ug/kg
BH014	1054	12/04/92	006	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	84.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	11500.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ARSENIC	36.90	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	BARIUM	115.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	BERYLLIUM	0.47	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CALCIUM	3060.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	10.80	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COBALT	8.30	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COPPER	23.80	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	IRON	24200.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	LEAD	6.80	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	2900.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MANGANESE	489.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	NICKEL	11.70	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	1630.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	SODIUM	756.00	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	VANADIUM	61.40	J	mg/kg
BH014	1054	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ZINC	44.50	J	mg/kg
BH014	1054	12/04/92	006	/ /	12/10/92	SO	VBLOK2	VOL	ACETONE	38.00	BR	ug/kg
BH014	1054	12/04/92	006	/ /	12/10/92	SO	VBLOK2	VOL	CHLOROFORM	2.00	J	ug/kg
BH014	1054	12/04/92	006	/ /	12/10/92	SO	VBLOK2	VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	2-METHYLNAPHTHALENE	1200.00		ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	500.00		ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	98.00	BR	ug/kg
BH014	1055	12/04/92	008	12/11/92	12/16/92	SO	SBLK24	BNA	NAPHTHALENE	2100.00		ug/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	14600.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	ARSENIC	25.80	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	BARIUM	151.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	CALCIUM	3800.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	10.50	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	COBALT	11.30	J	mg/kg

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

Table D.1. (cont.)

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	COPPER	23.20	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	IRON	18800.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	LEAD	8.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	4950.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	MANGANESE	323.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	NICKEL	16.70	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	2440.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	SODIUM	1060.00	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	VANADIUM	40.60	J	mg/kg
BH014	1055	12/04/92	008	12/16/92	12/23/92	SO	M05	MET	ZINC	47.30	J	mg/kg
BH014	1055DL	12/04/92	008	12/16/92	12/18/92	SO	VLKBD	PHC	GAS	3800.00		mg/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VLKAB	VOL	ACETONE	1800.00	J	ug/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VLKAB	VOL	ETHYLBENZENE	400.00	J	ug/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VLKAB	VOL	METHYLENE CHLORIDE	970.00	BR	ug/kg
BH014	1055	12/04/92	008	/ /	12/15/92	SO	VLKAB	VOL	XYLENES (TOTAL)	1000.00	J	ug/kg
BH015	1056	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	97.00	J	ug/kg
BH015	1056	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	DI-N-BUTYLPHTHALATE	76.00	BR	ug/kg
BH015	1056	12/04/92	002	12/11/92	12/16/92	SO	SBLK24	BNA	PYRENE	45.00	J	ug/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	ALUMINUM	33000.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	ARSENIC	26.90	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	BARIUM	295.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	BERYLLIUM	0.60	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	CALCIUM	34700.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	CHROMIUM	13.30	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	COBALT	9.10	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	COPPER	31.60	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	IRON	23500.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	LEAD	14.50	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	MAGNESIUM	11100.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	MANGANESE	515.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	NICKEL	11.70	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	POTASSIUM	4300.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	SODIUM	1290.00	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	VANADIUM	61.20	J	mg/kg
BH015	1056	12/04/92	002	12/16/92	12/24/92	SO	M05	MET	ZINC	92.20	J	mg/kg
BH015	1056	12/04/92	002	12/17/92	12/17/92	SO	VLK00	PHC	GAS	9.20		mg/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VLK05	VOL	ACETONE	12.00	BR	ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VLK05	VOL	BENZENE	5.00	J	ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VLK05	VOL	ETHYLBENZENE	72.00		ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VLK05	VOL	METHYLENE CHLORIDE	33.00	BR	ug/kg
BH015	1056	12/04/92	002	/ /	12/09/92	SO	VLK05	VOL	XYLENES (TOTAL)	170.00		ug/kg
BH015	1057	12/04/92	006	12/11/92	12/15/92	SO	SLK24	BMA	BIS(2-ETHYLNEXYL)PHTHALATE	83.00	J	ug/kg
BH015	1057	12/04/92	006	12/11/92	12/15/92	SO	SLK24	BMA	DI-N-BUTYLPHTHALATE	73.00	BR	ug/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	22400.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ARSENIC	46.90	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	BARIUM	204.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CALCIUM	4170.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	15.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COBALT	13.40	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	COPPER	25.70	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	IRON	23300.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	LEAD	7.40	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	4050.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	MANGANESE	1440.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	NICKEL	11.70	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	2330.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	SODIUM	1240.00	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	VANADIUM	57.60	J	mg/kg
BH015	1057	12/04/92	006	12/16/92	12/23/92	SO	M05	MET	ZINC	58.50	J	mg/kg
BH015	1057	12/04/92	006	12/17/92	12/18/92	SO	VLK00	PHC	GAS	0.39	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH015	1057	12/04/92	006	/ /	12/09/92	SO	VLKX5	VOL	ACETONE	19.00	BR	ug/kg
BH015	1057	12/04/92	006	/ /	12/09/92	SO	VLKX5	VOL	METHYLENE CHLORIDE	31.00	BR	ug/kg
BH015	1057	12/04/92	006	/ /	12/09/92	SO	VLKX5	VOL	XYLENES (TOTAL)	2.00	J	ug/kg
BH015	1058	12/04/92	006	12/11/92	12/16/92	SR	SLK24	DNA	BIS(2-ETHYLMETHYL)PHTHALATE	590.00		ug/kg
BH015	1058	12/04/92	006	12/11/92	12/16/92	SR	SLK24	DNA	DI-N-BUTYLPHTHALATE	87.00	BR	ug/kg
BH015	1058	12/04/92	006	12/11/92	12/16/92	SR	SLK24	DNA	PHENOL	52.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	ALUMINUM	21900.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	ARSENIC	17.60	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	BARIUM	169.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	BERYLLIUM	0.57	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	CALCIUM	4900.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	CHROMIUM	14.50	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	CODAL	11.90	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	COPPER	27.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	IRON	23100.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	LEAD	7.10	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	MAGNESIUM	5720.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	MANGANESE	244.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	NICKEL	18.30	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	POTASSIUM	2310.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	SODIUM	1330.00	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	VANADIUM	57.50	J	ug/kg
BH015	1058	12/04/92	006	12/16/92	12/23/92	SR	M05	MET	ZINC	56.00	J	ug/kg
BH015	1058	12/04/92	006	12/17/92	12/18/92	SR	VLKBE	PHC	GAS	250.00		ug/kg
BH015	1058	12/04/92	006	/ /	12/09/92	SR	VLKX5	VOL	ACETONE	32.00	BR	ug/kg
BH015	1058	12/04/92	006	/ /	12/09/92	SR	VLKX5	VOL	METHYLENE CHLORIDE	43.00	BR	ug/kg
ML003	1501	12/01/92	001	12/03/92	12/07/92	GM	SLK78	DNA	BIS(2-ETHYLMETHYL)PHTHALATE	8.00	BR	ug/L
ML003	1501	12/01/92	001	12/03/92	12/07/92	GM	SLK78	DNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
ML003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	ALUMINUM	512.00		ug/L
ML003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	ARSENIC	116.00	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	BARIUM	95.00		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	CALCIUM	66900.00		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	COPPER	10.50		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	IRON	43.80	J	ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	MAGNESIUM	18600.00		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	MANGANESE	304.00		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	POTASSIUM	12100.00		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	SELENIUM	4.90		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	SODIUM	394000.00		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	VANADIUM	7.10		ug/L
MA003	1501	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	ZINC	4.60		ug/L
MA003	1501	12/01/92	001	/ /	12/03/92	GM	VLKSH	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MA004	1502	12/01/92	001	12/03/92	12/07/92	GM	SLK78	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	8.00	BR	ug/L
MA004	1502	12/01/92	001	12/03/92	12/07/92	GM	SLK78	BNA	DI-N-BUTYLPHTHALATE	5.00	BR	ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	ALUMINUM	490.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	ARSENIC	55.40	J	ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	BARIUM	106.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	CALCIUM	96400.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	COPPER	13.40		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	IRON	43.90	J	ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	MAGNESIUM	24100.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	MANGANESE	152.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	POTASSIUM	16000.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	SODIUM	371000.00		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	VANADIUM	17.90		ug/L
MA004	1502	12/01/92	001	12/10/92	12/11/92	GM	M09	MET	ZINC	13.80		ug/L
MA004	1502	12/01/92	001	/ /	12/03/92	GM	VLKSH	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MA005	1503	12/01/92	001	12/03/92	12/07/92	GM	SLK78	BNA	1,2-DICHLOROBENZENE	1.00		ug/L
MA005	1503	12/01/92	001	12/03/92	12/07/92	GM	SLK78	BNA	2,4-DIMETHYLPHENOL	2.00		ug/L
MA005	1503	12/01/92	001	12/03/92	12/07/92	GM	SLK78	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	4.00	BR	ug/L

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

Table D.1. (cont.)

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA005	1503	12/01/92	001	12/03/92	12/07/92	GU	SBLK78		BNA	DI-N-BUTYLPHENYLMALATE	4.00	BR	ug/L
MA005	1503	12/01/92	001	12/03/92	12/07/92	GU	SBLK78		BNA	NAPHTHALENE	8.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	ALUMINUM	449.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	ARSENIC	58.40	J	ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	BARIUM	397.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	CALCIUM	83200.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	COBALT	15.30		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	COPPER	109.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	IRON	34.30	J	ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	MAGNESIUM	22900.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	MANGANESE	4449.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	NICKEL	11.60		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	POTASSIUM	17200.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	SODIUM	371000.00		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	VANADIUM	6.20		ug/L
MA005	1503	12/01/92	001	12/10/92	12/11/92	GU	M09		MET	ZINC	22.60		ug/L
MA005	1503	12/01/92	001	12/08/92	12/08/92	GU	V10LKT0P0405		PHC	GAS	1.20		ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	BENZENE	18.00		ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	ETHYLBENZENE	17.00		ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	TOLUENE	24.00		ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	TRICHLOROETHENE	20.00		ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	XYLENES (TOTAL)	210.00		ug/L
MA005	1503	12/01/92	001	/ /	12/03/92	GU	VLKSH		VOL	1,2-DICHLOROBENZENE	2.00		ug/L
MA005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78		BNA	2,4-DIMETHYLPHENOL	1.00		ug/L
MA005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78		BNA	BIS(2-ETHYLBENZYL)PHENYLMALATE	58.00	J	ug/L
MA005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78		BNA	DI-N-BUTYLPHENYLMALATE	6.00	BR	ug/L
MA005	1504	12/01/92	002	12/03/92	12/07/92	WR	SBLK78		BNA	NAPHTHALENE	6.00		ug/L
MA005	1504	12/01/92	002	12/03/92	12/11/92	WR	M09		MET	ALUMINUM	498.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	WR	M09		MET	ARSENIC	57.10	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	BARIUM	343.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	CALCIUM	82100.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	COBALT	13.90		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	COPPER	104.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	MAGNESIUM	22600.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	MANGANESE	4080.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	NICKEL	12.80		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	POTASSIUM	15700.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	SODIUM	361000.00		ug/L
MA005	1504	12/01/92	002	12/10/92	12/11/92	UR	M09	MET	ZINC	6.90		ug/L
MA005	1504	12/01/92	002	12/08/92	12/08/92	UR	V1BLKTPH005	PHC	GAS	0.76		ug/L
MA005	1504	12/01/92	002	/ /	12/07/92	UR	VBLKCR	VOL	BENZENE	17.00		ug/L
MA005	1504	12/01/92	002	/ /	12/07/92	UR	VBLKCR	VOL	ETHYLBENZENE	12.00		ug/L
MA005	1504	12/01/92	002	/ /	12/07/92	UR	VBLKCR	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MA005	1504	12/01/92	002	/ /	12/07/92	UR	VBLKCR	VOL	TOLUENE	21.00		ug/L
MA005	1504	12/01/92	002	/ /	12/07/92	UR	VBLKCR	VOL	TRICHLOROETHENE	14.00		ug/L
MA005	1504	12/01/92	002	/ /	12/07/92	UR	VBLKCR	VOL	XYLENES (TOTAL)	200.00		ug/L
MA004	1549	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	DMA	BIS(2-ETHYLNEXYL)PHTHALATE	3.00	BR	ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	ALUMINUM	246.00	BR	ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	ARSENIC	73.00	J	ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	BARIUM	66.70		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	CALCIUM	90900.00		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	COPPER	12.90		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	IRON	77.50	BR	ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	MAGNESIUM	23000.00		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	MANGANESE	100.00		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	POTASSIUM	15100.00		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	SODIUM	340000.00		ug/L
MA004	1549	03/03/93	001	03/09/93	03/11/93	GM	MET01	MET	VANADIUM	17.50		ug/L
MA004	1549	03/03/93	001	/ /	03/07/93	GM	VBLKCR	VOL	ACETONE	2.00	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA004	1549	03/03/93	001	/ /	03/07/93	GM	VBLKCS	VOL	METHYLENE CHLORIDE	3.00		ug/L
MA003	1550	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ALUMINUM	84.50	BR	ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ARSENIC	121.00	J	ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	BARIUM	79.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	CALCIUM	88700.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	COPPER	15.80		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	IRON	21.40	BR	ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	MAGNESIUM	26500.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	MANGANESE	448.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	POTASSIUM	14200.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	SELENIUM	4.80		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	SODIUM	421000.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	VANADIUM	9.00		ug/L
MA003	1550	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ZINC	7.50	BR	ug/L
MA003	1550	03/03/93	001	/ /	03/07/93	GM	VBLKCS	VOL	METHYLENE CHLORIDE	1.00		ug/L
MA005	1551	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	1,2-DICHLOROBENZENE	5.00		ug/L
MA005	1551	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	1,3-DICHLOROBENZENE	2.00		ug/L
MA005	1551	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	1,4-DICHLOROBENZENE	2.00		ug/L
MA005	1551	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	5.00	BR	ug/L
MA005	1551	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
MA005	1551	03/03/93	001	03/04/93	03/08/93	GM	SBLK27	BNA	NAPHTHALENE	9.00		ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ALUMINUM	127.00	BR	ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	ARSENIC	116.00	J	ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	BARIUM	237.00		ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	CALCIUM	72500.00		ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	COPPER	12.40		ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	IRON	51.50	BR	ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	MAGNESIUM	18300.00		ug/L
MA005	1551	03/03/93	001	03/09/93	03/23/93	GM	NET01	NET	MANGANESE	845.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	MERCURY	0.21	J	ug/L
HA005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	POTASSIUM	15700.00		ug/L
HA005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SELENIUM	5.50		ug/L
HA005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	SODIUM	205000.00		ug/L
HA005	1551	03/03/93	001	03/09/93	03/23/93	GW	MET01	MET	VANADIUM	11.30		ug/L
HA005	1551	03/03/93	001	/ /	03/09/93	GW	VIBLKTPH02	PHC	TPH BY GAS STD	2.40		ug/L
HA005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKCB	VOL	BENZENE	24.00		ug/L
HA005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKCB	VOL	ETHYLBENZENE	27.00		ug/L
HA005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKCB	VOL	TOLUENE	37.00		ug/L
HA005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKCB	VOL	TRICHLOROETHENE	8.00		ug/L
HA005	1551	03/03/93	001	/ /	03/08/93	GW	VBLKCB	VOL	XYLENES (TOTAL)	450.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	1,2-DICHLOROBENZENE	11.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	1,3-DICHLOROBENZENE	3.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	1,4-DICHLOROBENZENE	4.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	2-METHYLNAPHTHALENE	2.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	7.00	BR	ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	BUTYLBENZYL PHTHALATE	2.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	DI-N-BUTYL PHTHALATE	2.00		ug/L
HA005	1552	03/03/93	002	03/04/93	03/09/93	WR	SBLK27	BNA	NAPHTHALENE	17.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	ALUMINUM	97.60	BR	ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	ARSENIC	116.00	J	ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	BARIUM	218.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	CALCIUM	64600.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	COPPER	15.30		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	IRON	25.60	BR	ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	MAGNESIUM	16300.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	MANGANESE	814.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	POTASSIUM	14700.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	SODIUM	254000.00		ug/L
HA005	1552	03/03/93	002	03/09/93	03/14/93	WR	MET01	MET	VANADIUM	10.60		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 4

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NA005	1552	03/03/93	002	/ /	03/09/93	UR	VIBLTPH02	PWC	TPH BY GAS STD	2.60		ug/L
NA005	1552	03/03/93	002	/ /	03/07/93	UR	VBLKCS	VOL	BENZENE	23.00		ug/L
NA005	1552	03/03/93	002	/ /	03/07/93	UR	VBLKCS	VOL	ETHYLBENZENE	24.00		ug/L
NA005	1552	03/03/93	002	/ /	03/07/93	UR	VBLKCS	VOL	TOLUENE	33.00		ug/L
NA005	1552	03/03/93	002	/ /	03/07/93	UR	VBLKCS	VOL	TRICHLOROETHENE	9.00		ug/L
NA005	1552	03/03/93	002	/ /	03/07/93	UR	VBLKCS	VOL	XYLENES (TOTAL)	450.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(A)ANTHRACENE	52.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(A)PYRENE	52.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(B)FLUORANTHENE	96.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(G,H,I)PERYLENE	88.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BENZO(K)FLUORANTHENE	96.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	62.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	CHRYSENE	48.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	FLUORANTHENE	94.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	INDENO(1,2,3-CD)PYRENE	39.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	PHENANTHRENE	58.00	J	ug/kg
BH006	1035	12/04/92	002	12/10/92	12/14/92	SO	SBLK12	BNA	PYRENE	73.00	J	ug/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	19400.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	20.50		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	150.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	24600.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	9.80		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	8.30		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	23.80		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	18000.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	13.20		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	10900.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	452.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	10.60		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	3160.00		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	1620.00	J	mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	50.80		mg/kg
BH006	1035	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	54.90		mg/kg
BH006	1035	12/04/92	002	/	12/09/92	SO	VLK13	VOL	ACETONE	14.00	BR	ug/kg
BH006	1035	12/04/92	002	/	12/09/92	SO	VLK13	VOL	METHYLENE CHLORIDE	18.00	BR	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	BENZO(A)ANTHRACENE	41.00	J	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	BENZO(B)FLUORANTHENE	63.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXTYL)PHTHALATE	180.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	CHRYSENE	40.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	FLUORANTHENE	41.00	J	ug/kg
BH006	1036	12/04/92	004	12/11/92	12/13/92	SO	SBLK21	BNA	PYRENE	70.00	J	ug/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	ALUMINUM	20900.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	ARSENIC	24.70		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	BARIUM	159.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	CALCIUM	24000.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	CHROMIUM	12.90		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	COBALT	9.60		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	COPPER	21.70		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	IRON	20300.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	LEAD	13.60		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	MAGNESIUM	10700.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	MANGANESE	449.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	MERCURY	0.14	J	mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	NICKEL	17.80		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	POTASSIUM	3040.00		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	SODIUM	1670.00	J	mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	VANADIUM	54.60		mg/kg
BH006	1036	12/04/92	004	12/12/92	12/15/92	SO	M04	NET	ZINC	59.70		mg/kg
BH006	1036	12/04/92	004	/ /	12/08/92	SO	VBLLKS	VOL	METHYLENE CHLORIDE	8.00	BR	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	2-METHYLNAPHTHALENE	3300.00		ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXTYL)PHTHALATE	500.00	J	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	FLUORANTHENE	96.00	J	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	FLUORENE	110.00	J	ug/kg
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	NAPHTHALENE	2400.00		ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH006	1037	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	PYRENE	68.00	J	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	2-METHYLNAPHTHALENE	3500.00		ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	640.00	J	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	150.00	BR	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	FLUORENE	140.00	J	ug/kg
BH006	1037DL	12/04/92	006	12/11/92	12/15/92	SO	SBLK21	BNA	NAPHTHALENE	2600.00		ug/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	ALUMINUM	11700.00		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	ARSENIC	10.40		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	BARIUM	64.00		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	CALCIUM	5390.00		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	CHROMIUM	15.70		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	COBALT	11.60		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	COPPER	15.40		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	IRON	20500.00		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	LEAD	3.30		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	MAGNESIUM	3490.00		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	MANGANESE	162.00		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	MERCURY	0.10	J	ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	NICKEL	13.50		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	SODIUM	1090.00	J	ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	VANADIUM	73.80		ng/kg
BH006	1037	12/04/92	006	/ /	12/17/92	SO	M04	MET	ZINC	44.70		ng/kg
BH006	1037RE	12/04/92	006	/ /	12/17/92	SO	VBLK3L	PHC	GAS	2166.45		ng/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLK1	VOL	ACETONE	1900.00	J	ug/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLK1	VOL	ETHYLBENZENE	1800.00	J	ug/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLK1	VOL	METHYLENE CHLORIDE	4200.00	J	ug/kg
BH006	1037	12/04/92	006	/ /	12/10/92	SO	VBLK1	VOL	XYLENES (TOTAL)	9700.00		ug/kg
BH007	1036	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	250.00	J	ug/kg
BH007	1036	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH007	1036	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	25000.00		ng/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	24.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	189.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	4870.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	12.60		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	9.30		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	38.70		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	24600.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	9.80		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	8900.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	339.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MERCURY	1.20	J	mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	19.60		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	3810.00		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	2720.00	J	mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	53.60		mg/kg
BH007	1038	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	57.80		mg/kg
BH007	1038	12/04/92	002	/ /	12/10/92	SO	VBK02	VOL	ACETONE	26.00	BR	ug/kg
BH007	1038	12/04/92	002	/ /	12/10/92	SO	VBK02	VOL	CHLOROFORM	1.00	J	ug/kg
BH007	1038	12/04/92	002	/ /	12/10/92	SO	VBK02	VOL	METHYLENE CHLORIDE	20.00	BR	ug/kg
BH008	1039	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	230.00	J	ug/kg
BH008	1039	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	23600.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ARSENIC	73.20		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	BARIUM	151.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	BERYLLIUM	0.62		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	CALCIUM	9210.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	24.10		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COBALT	12.20		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	COPPER	40.70		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	IRON	33000.00		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	LEAD	6.50		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	MAGNESIUM	6090.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	MANGANESE	121.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	MERCURY	0.16	J	mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	NICKEL	23.10		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	SODIUM	1760.00	J	mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	VARADIM	110.00		mg/kg
BH008	1039	12/04/92	006	12/12/92	12/15/92	SO	MO4	NET	ZINC	70.00		mg/kg
BH008	1039	12/04/92	006	/ /	12/08/92	SO	VBKKS	VOL	ACETONE	14.00	J	ug/kg
BH008	1039	12/04/92	006	/ /	12/08/92	SO	VBKKS	VOL	METHYLENE CHLORIDE	11.00	BR	ug/kg
BH008	1040	12/04/92	007	12/11/92	12/13/92	SO	SBK21	BNA	BIS(2-ETHYLMEXYL)PHTHALATE	220.00	J	ug/kg
BH008	1040	12/04/92	007	12/12/92	12/13/92	SO	SBK21	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	ALUMINUM	13300.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	ARSENIC	14.90		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	BARIUM	86.20		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	CALCIUM	5560.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	CHROMIUM	13.50		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	COBALT	7.90		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	COPPER	14.50		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	IRON	21000.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	LEAD	5.40		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	MAGNESIUM	3450.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	MANGANESE	323.00		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	MERCURY	0.13	J	mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	NICKEL	17.80		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	SODIUM	1060.00	J	mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	VARADIM	66.90		mg/kg
BH008	1040	12/04/92	007	12/12/92	12/15/92	SO	MO4	NET	ZINC	41.00		mg/kg
BH008	1040	12/04/92	007	/ /	12/08/92	SO	VBKKS	VOL	ACETONE	12.00	J	ug/kg
BH008	1040	12/04/92	007	/ /	12/08/92	SO	VBKKS	VOL	METHYLENE CHLORIDE	8.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH009	1041	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	190.00	J	ug/kg
BH009	1041	12/04/92	002	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	110.00	BR	ug/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	ALUMINIUM	31200.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	ARSENIC	21.50		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	BARIUM	227.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	CALCIUM	4480.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	CHROMIUM	17.60		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	COBALT	11.40		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	COPPER	23.90		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	IRON	27300.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	LEAD	8.10		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	MAGNESIUM	8090.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	MANGANESE	317.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	NICKEL	15.10		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	POTASSIUM	3750.00		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	SODIUM	3760.00	J	mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	VANADIUM	67.40		mg/kg
BH009	1041	12/04/92	002	12/12/92	12/15/92	SO	M04	NET	ZINC	57.30		mg/kg
BH009	1041	12/04/92	002	/ /	12/08/92	SO	VLKKS	VOL	METHYLENE CHLORIDE	7.00	BR	ug/kg
BH009	1042	12/04/92	006	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	210.00	J	ug/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	ALUMINIUM	17700.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	ARSENIC	14.40		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	BARIUM	142.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	CALCIUM	7550.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	CHROMIUM	20.70		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	COBALT	22.10		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	COPPER	25.90		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	IRON	26000.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	LEAD	6.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	NET	MAGNESIUM	4980.00		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	MANGANESE	143.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	NICKEL	25.00		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	SODIUM	1420.00	J	mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	VANADIUM	83.70		mg/kg
BH009	1042	12/04/92	006	12/12/92	12/15/92	SO	M04	MET	ZINC	56.80		mg/kg
BH009	1042	12/04/92	006	12/15/92	12/17/92	SO	VBLKBC	PHC	GAS	19.00		mg/kg
BH009	1042	12/04/92	006	/ /	12/08/92	SO	VBLKX6	VOL	ACETONE	32.00	BR	ug/kg
BH009	1042	12/04/92	006	/ /	12/08/92	SO	VBLKX6	VOL	METHYLENE CHLORIDE	22.00	BR	ug/kg
BH009	1043	12/04/92	007	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	200.00	J	ug/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	13100.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ARSENIC	13.70		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	BARIUM	65.80		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	CALCIUM	5720.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	20.20		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	COBALT	7.70		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	COPPER	22.10		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	IRON	20000.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	LEAD	4.10		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	3920.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	MANGANESE	122.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	NICKEL	14.80		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	SODIUM	1210.00	J	mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	VANADIUM	94.00		mg/kg
BH009	1043	12/04/92	007	12/12/92	12/15/92	SO	M04	MET	ZINC	51.60		mg/kg
BH009	1043	12/04/92	007	12/15/92	12/17/92	SO	VBLKBC	PHC	GAS	0.08	J	mg/kg
BH009	1043	12/04/92	007	/ /	12/10/92	SO	VBLKX2	VOL	ACETONE	37.00	BR	ug/kg
BH009	1043	12/04/92	007	/ /	12/10/92	SO	VBLKX2	VOL	CHLOROFORM	2.00	J	ug/kg
BH009	1043	12/04/92	007	/ /	12/10/92	SO	VBLKX2	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
BH010	1044	12/04/92	002	12/15/92	12/17/92	SO	SBLK37	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	50.00	BR	ug/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	32500.00		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ARSENIC	26.60		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	BARIUM	207.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CALCIUM	71000.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	14.30		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COBALT	11.10		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	COPPER	25.30		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	IRON	22400.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	LEAD	7.50		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	21500.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	MANGANESE	443.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	NICKEL	15.70		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	POTASSIUM	6220.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	SODIUM	7480.00	J	mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	VANADIUM	67.00		mg/kg
BH010	1044	12/04/92	002	12/12/92	12/15/92	SO	M04	MET	ZINC	56.60		mg/kg
BH010	1044RE	12/04/92	002	12/21/92	12/22/92	SO	VELK1	PHC	GAS	9.90		mg/kg
BH010	1044	12/04/92	002	/ /	12/10/92	SO	VELK2	VOL	ACETONE	28.00	BR	ug/kg
BH010	1044	12/04/92	002	/ /	12/10/92	SO	VELK2	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH010	1045	12/04/92	008	12/11/92	12/13/92	SO	SBLK21	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	260.00	J	ug/kg
BH010	1045	12/04/92	008	12/11/92	12/13/92	SO	SBLK21	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ALUMINUM	23300.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	ARSENIC	5.60		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	BARIUM	121.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CALCIUM	7570.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	CHROMIUM	26.20		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COBALT	8.80		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	COPPER	27.10		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	IRON	21000.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	LEAD	6.50		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	MET	MAGNESIUM	4780.00		mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	NET	NAVANESE	114.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	NET	MERCURY	0.12	J	mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	NET	NICKEL	12.20		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	NET	SODIUM	1726.00	J	mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	NET	VANADIUM	130.00		mg/kg
BH010	1045	12/04/92	008	12/12/92	12/15/92	SO	M04	NET	ZINC	60.90		mg/kg
BH010	1045	12/04/92	008	/ /	12/08/92	SO	VLKX6	VOL	ACETONE	15.00	BR	ug/kg
BH010	1045	12/04/92	008	/ /	12/08/92	SO	VLKX6	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
BH010	1046	12/04/92	009	12/11/92	12/13/92	SO	SLK21	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	250.00	J	ug/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	ALUMINUM	13500.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	ARSENIC	12.70		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	BARIUM	74.20		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	CALCIUM	6030.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	CHROMIUM	18.40		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	COBALT	10.40		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	COPPER	26.70		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	IRON	24400.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	LEAD	5.80		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	MAGNESIUM	4000.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	MANGANESE	269.00		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	NICKEL	15.40		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	SODIUM	1230.00	J	mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	VANADIUM	77.40		mg/kg
BH010	1046	12/04/92	009	12/12/92	12/15/92	SO	M04	NET	ZINC	139.00		mg/kg
BH010	1046	12/04/92	009	12/15/92	12/17/92	SO	VLKX6	PHC	GAS	0.02	J	mg/kg
BH010	1046	12/04/92	009	/ /	12/08/92	SO	VLKX6	VOL	ACETONE	20.00	BR	ug/kg
BH010	1046	12/04/92	009	/ /	12/08/92	SO	VLKX6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH019	1507	12/01/92	001	12/03/92	12/07/92	GW	SLK78	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	3.00	BR	ug/L
BH019	1507	12/01/92	001	12/03/92	12/07/92	GW	SLK78	BNA	DI-N-BUTYLPHTHALATE	5.00	BR	ug/L
BH019	1507	12/01/92	001	12/10/92	12/11/92	GW	M09	NET	ALUMINUM	351.00		ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	ARSENIC	19.60	J	ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	BARIUM	27.60		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	CALCIUM	47000.00		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	COPPER	13.80		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	MAGNESIUM	10000.00		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	MANGANESE	90.80		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	POTASSIUM	9480.00		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	SODIUM	56500.00		ug/L
HA019	1507	12/01/92	001	12/10/92	12/11/92	GM	NO9	MET	Vanadium	5.50		ug/L
HA019	1507	12/01/92	001	/ /	12/07/92	GM	VBLCR	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
HA017	1520	12/03/92	001	12/07/92	12/09/92	GM	SBLC86	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
HA017	1520	12/03/92	001	12/07/92	12/09/92	GM	SBLC86	3NA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	ALUMINUM	295.00		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	ARSENIC	56.20	J	ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	BARIUM	83.50		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	CALCIUM	66000.00		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	IRON	47.80	J	ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	MAGNESIUM	14300.00		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	MANGANESE	335.00		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	POTASSIUM	9310.00		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	SODIUM	69000.00		ug/L
HA017	1520	12/03/92	001	12/10/92	12/11/92	GM	NO9	MET	ZINC	3.30		ug/L
HA017	1520	12/03/92	001	12/14/92	12/16/92	GM	VIBLKTPHM09	PHC	GAS	0.10		ug/L
HA017	1520	12/03/92	001	/ /	12/10/92	GM	VBLCVI	VOL	1,2-DICHLOROETHENE (TOTAL)	2.00	J	ug/L
HA017	1520	12/03/92	001	/ /	12/10/92	GM	VBLCVI	VOL	BENZENE	2.00	J	ug/L
HA017	1520	12/03/92	001	/ /	12/10/92	GM	VBLCVI	VOL	ETHYLBENZENE	4.00	J	ug/L
HA017	1520	12/03/92	001	/ /	12/10/92	GM	VBLCVI	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
HA017	1520	12/03/92	001	/ /	12/10/92	GM	VBLCVI	VOL	TOLUENE	7.00	J	ug/L
HA017	1520	12/03/92	001	/ /	12/10/92	GM	VBLCVI	VOL	XYLENES (TOTAL)	12.00		ug/L
HA016	1526	12/04/92	001	12/08/92	12/11/92	GM	SBLC96	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	1.00	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	ALUMINUM	194.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	ARSENIC	61.60	J	ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	BARIUM	27.60		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	CALCIUM	42600.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	IRON	125.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	MAGNESIUM	10400.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	MANGANESE	218.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	POTASSIUM	8040.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	SODIUM	98300.00		ug/L
MM016	1526	12/04/92	001	12/29/92	01/09/93	GM	M10	MET	ZINC	7.20		ug/L
MM016	1526	12/04/92	001	/ /	12/11/92	GM	HAZRAPBLKL	VOL	BENZENE	1.00	J	ug/L
MM016	1526	12/04/92	001	/ /	12/11/92	GM	HAZRAPBLKL	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MM016	1527	12/04/92	002	12/08/92	12/11/92	UR	SBLK96	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	1.00	J	ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	ALUMINUM	185.00		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	ARSENIC	54.20	J	ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	BARIUM	27.80		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	CALCIUM	42200.00		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	COPPER	10.50		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	IRON	50.10		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	MAGNESIUM	10500.00		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	MANGANESE	220.00		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	POTASSIUM	9450.00		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	SODIUM	102000.00		ug/L
MM016	1527	12/04/92	002	12/29/92	01/09/93	UR	M10	MET	ZINC	3.00		ug/L
MM016	1527	12/04/92	002	/ /	12/11/92	UR	HAZRAPBLKL	VOL	BENZENE	1.00	J	ug/L
MM016	1527	12/04/92	002	/ /	12/11/92	UR	HAZRAPBLKL	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MM016	1569	03/05/93	001	03/10/93	03/12/93	GM	SBLK50	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	7.00	BR	ug/L
MM016	1569	03/05/93	001	03/10/93	03/12/93	GM	SBLK50	BNA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L
MM016	1569	03/05/93	001	03/09/93	03/16/93	GM	ME101	MET	ALUMINUM	84.90	BR	ug/L
MM016	1569	03/05/93	001	03/09/93	03/16/93	GM	ME101	MET	ARSENIC	34.10	J	ug/L

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

Table D.1. (cont.)

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	BARIUM	25.40		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	CALCIUM	50200.00		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	COPPER	5.30		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	IRON	25.80	BR	ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	MAGNESIUM	11000.00		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	MANGANESE	228.00		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	POTASSIUM	8480.00		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	SODIUM	109000.00		ug/L
MA016	1569	03/05/93	001	03/09/93	03/14/93	GM	MET01	MET	ZINC	8.30	BR	ug/L
MA016	1569	03/05/93	001	/ /	03/11/93	GM	VBKGA	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
MA016	1570	03/05/93	002	03/09/93	03/11/93	WR	SBLK45	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	15.00	BR	ug/L
MA016	1570	03/05/93	002	03/09/93	03/11/93	WR	SBLK45	BNA	BUTYLBENZYLPHTHALATE	2.00	BR	ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ALUMINUM	75.50	BR	ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ARSENIC	33.20	J	ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	BARIUM	24.20		ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	CALCIUM	48400.00		ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	IRON	34.40	BR	ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	MAGNESIUM	10500.00		ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	MANGANESE	229.00		ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	POTASSIUM	7520.00		ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	SODIUM	104000.00		ug/L
MA016	1570	03/05/93	002	03/09/93	03/14/93	WR	MET01	MET	ZINC	11.10	BR	ug/L
MA016	1570	03/05/93	002	/ /	03/11/93	WR	VBKGA	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
MA017	1571	03/05/93	001	03/09/93	03/11/93	GM	SBLK45	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	20.00	J	ug/L
MA017	1571	03/05/93	001	03/09/93	03/11/93	GM	SBLK45	BNA	BUTYLBENZYLPHTHALATE	3.00	BR	ug/L
MA017	1571	03/05/93	001	03/09/93	03/11/93	GM	SBLK45	BNA	DIETHYLPHTHALATE	1.00	BR	ug/L
MA017	1571	03/05/93	001	03/09/93	03/11/93	GM	SBLK45	BNA	NAPHTHALENE	1.00	J	ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	ALUMINUM	113.00	BR	ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	ARSENIC	37.40		ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	BARIUM	70.00		ug/L

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Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	CALCIUM	64400.00		ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	COPPER	9.10		ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	IRON	153.00		ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	MAGNESIUM	13900.00		ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	MANGANESE	441.00		ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	POTASSIUM	9280.00	J	ug/L
MA017	1571	03/05/93	001	03/18/93	03/21/93	GM	MET02	MET	SODIUM	66300.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	ALUMINUM	116.53	BR	ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	ANTIMONY	30.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	ARSENIC	32.42		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	BARIUM	68.76		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	BERYLLIUM	1.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	CADMIUM	5.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	CALCIUM	64759.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	CHROMIUM	6.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	COBALT	9.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	COPPER	7.68		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	IRON	163.99		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	LEAD	2.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	MAGNESIUM	14031.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	MANGANESE	444.36		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	MERCURY	0.20		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	NICKEL	13.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	POTASSIUM	9523.30	J	ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	SELENIUM	3.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	SILVER	5.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	SODIUM	67166.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	THALLIUM	3.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	VANADIUM	4.00		ug/L
MA017	1571DL	03/05/93	001	03/18/93	03/20/93	GM	MET02	MET	ZINC	5.19		ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 5

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA017	1571	03/05/93	001	/ /	03/11/93	GM	PHC	VIBLTPH05	TPH BY GAS STD		0.15		mg/L
MA017	1571	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	1,2-DICHLOROETHENE (TOTAL)		4.00	J	ug/L
MA017	1571	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	BENZENE		15.00		ug/L
MA017	1571	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	ETHYLBENZENE		24.00		ug/L
MA017	1571	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	METHYLENE CHLORIDE		1.00	BR	ug/L
MA017	1571	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	TOLUENE		1.00	J	ug/L
MA017	1571	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	XYLENES (TOTAL)		7.00	J	ug/L
MA019	1574	03/05/93	001	03/09/93	03/11/93	GM	BNA	SLK45	BIS(2-ETHYLNEXYL)PHTHALATE		5.00	BR	ug/L
MA019	1574	03/05/93	001	03/09/93	03/11/93	GM	BNA	SLK45	BUTYLBENZYLPHTHALATE		2.00	BR	ug/L
MA019	1574	03/05/93	001	03/09/93	03/11/93	GM	BNA	SLK45	DIETHYLPHTHALATE		1.00	BR	ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	ALUMINUM		81.20	BR	ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	ARSENIC		11.50		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	BARIUM		24.00		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	CALCIUM		46900.00		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	COPPER		21.80		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	MAGNESIUM		9250.00		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	MANGANESE		43.80		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	POTASSIUM		7070.00		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	SODIUM		58600.00		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	VANADIUM		6.10		ug/L
MA019	1574	03/05/93	001	03/09/93	03/14/93	GM	MET	MET01	ZINC		6.00	BR	ug/L
MA019	1574	03/05/93	001	/ /	03/11/93	GM	VOL	VLKG4	METHYLENE CHLORIDE		2.00	BR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	2-METHYLNAPHTHALENE	13000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	ACENAPHTHENE	1300.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	ANTHRACENE	2000.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	BENZO(A)ANTHRACENE	5200.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	BENZO(A)PYRENE	4600.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	BENZO(B)FLUORANTHENE	9000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	BENZO(G,H,I)PERYLENE	2600.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	BENZO(K)FLUORANTHENE	9000.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	CARBAZOLE	1700.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	CHRYSENE	6300.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	FLUORANTHENE	13000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	FLUORENE	1000.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	INDENOX(1,2,3-CD)PYRENE	2700.00	J	ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	NAPHTHALENE	11000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	PHENANTHRENE	11000.00		ug/kg
BH027	1091	12/06/92	002	12/15/92	12/18/92	SO	SBLK36		BNA	PYRENE	16000.00		ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	ALUMINUM	18400.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	ARSENIC	2.20	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	BARIUM	141.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	CALCIUM	14200.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	CHROMIUM	13.70	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	COBALT	8.20	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	COPPER	18.60	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	IRON	18500.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	LEAD	6.90	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	MAGNESIUM	6500.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	MANGANESE	343.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	NICKEL	14.40	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	POTASSIUM	2300.00	J	ug/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07		MET	SODIUM	2140.00	J	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	Vanadium	62.10	J	mg/kg
BH027	1091	12/06/92	002	12/17/92	01/07/93	SO	M07	MET	Zinc	46.10	J	mg/kg
BH027	1091DL	12/06/92	002	/ /	12/22/92	SO	VBLKAK	PHC	Gas	2500.00		mg/kg
BH027	1091	12/06/92	002	/ /	12/17/92	SO	VBLKY5	VOL	Methylene Chloride	460.00	BR	mg/kg
BH027	1091	12/06/92	002	/ /	12/17/92	SO	VBLKY5	VOL	Xylenes (Total)	44000.00		mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	2-Methylnaphthalene	480.00		mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Benzo(a)anthracene	85.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Benzo(a)pyrene	58.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Benzo(b)fluoranthene	110.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Benzo(k)fluoranthene	110.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Bis(2-ethylhexyl)phthalate	570.00		mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Chrysene	70.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Di-n-butylphthalate	53.00	BR	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Fluoranthene	130.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Naphthalene	320.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Phenanthrene	160.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Phenol	45.00	J	mg/kg
BH027	1092	12/06/92	005	12/15/92	12/17/92	SO	SBLK36	BMA	Pyrene	250.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Aluminum	12800.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Arsenic	9.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Barium	121.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Beryllium	0.56	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Calcium	4530.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Chromium	16.30	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Cobalt	6.70	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Copper	16.60	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Iron	14300.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Lead	6.30	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Magnesium	2930.00	J	mg/kg
BH027	1092	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	Manganese	149.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SH027	1092	12/04/92	005	12/17/92	01/07/93	SO	NO7	NET	NICKEL	14.40	J	mg/kg
SH027	1092	12/04/92	005	12/17/92	01/07/93	SO	NO7	NET	POTASSIUM	3130.00	J	mg/kg
SH027	1092	12/04/92	005	12/17/92	01/07/93	SO	NO7	NET	SODIUM	1000.00	J	mg/kg
SH027	1092	12/04/92	005	12/17/92	01/07/93	SO	NO7	NET	MANGANIUM	60.90	J	mg/kg
SH027	1092	12/04/92	005	12/17/92	01/07/93	SO	NO7	NET	ZINC	45.90	J	mg/kg
SH027	1092	12/04/92	005	12/22/92	12/22/92	SO	VOLEAK	PHC	GAS	87.00		mg/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	ACETONE	63.00	BR	ug/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	BENZENE	3.00	J	ug/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	CHLOROPORN	4.00	J	ug/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	ETHYLENE	50.00		ug/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	METHYLENE CHLORIDE	60.00	BR	ug/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	TOLUENE	7.00	J	ug/kg
SH027	1092	12/04/92	005	/ /	12/14/92	SO	VOLEJ5	VOL	XYLENES (TOTAL)	200.00		ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	2-METHYLNAPHTHALENE	600.00		ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	BENZOKANTHACENE	73.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	BENZOKAPHTHENE	47.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	BENZOKFLUORANTHENE	110.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	BENZOKFLUORANTHENE	110.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	810(2-ETHYLMETHYL)NPHTHALATE	520.00		ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	CHRYSENE	73.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	01-B-BUTYLNPHTHALATE	160.00	BR	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	FLUORANTHENE	150.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	NAPHTHALENE	500.00		ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	PHENANTHRENE	250.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	PHENOL	86.00	J	ug/kg
SH027	1093	12/04/92	005	12/15/92	12/17/92	SR	SOLC36	SMA	PTRENE	250.00	J	ug/kg
SH027	1093	12/04/92	005	12/17/92	01/07/93	SR	NO7	NET	ALUMINIUM	13000.00	J	mg/kg
SH027	1093	12/04/92	005	12/17/92	01/07/93	SR	NO7	NET	ARGENIC	7.20	J	mg/kg
SH027	1093	12/04/92	005	12/17/92	01/07/93	SR	NO7	NET	BARIUM	131.00	J	mg/kg
SH027	1093	12/04/92	005	12/17/92	01/07/93	SR	NO7	NET	BERTILLIUM	0.45	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	CALCIUM	4410.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	CHROMIUM	14.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	COBALT	6.70	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	COPPER	16.70	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	IRON	22900.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	LEAD	6.60	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	MAGNESIUM	3130.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	MANGANESE	200.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	NICKEL	17.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	POTASSIUM	2420.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	SODIUM	1110.00	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	VANADIUM	61.20	J	mg/kg
BH027	1093	12/06/92	005	12/17/92	01/07/93	SR	ND7	NET	ZINC	42.30	J	mg/kg
BH027	1093	12/06/92	005	12/21/92	12/21/92	SR	VEL6J	PRC	GAS	33.00		mg/kg
BH027	1093	12/06/92	005	/ /	12/16/92	SR	VEL0J5	VOL	ACETONE	100.00	DR	ug/kg
BH027	1093	12/06/92	005	/ /	12/16/92	SR	VEL0J5	VOL	BENZENE	2.00	J	ug/kg
BH027	1093	12/06/92	005	/ /	12/16/92	SR	VEL0J5	VOL	CHLOROPH	2.00	J	ug/kg
BH027	1093	12/06/92	005	/ /	12/16/92	SR	VEL0J5	VOL	ETHYLBENZENE	120.00		ug/kg
BH027	1093	12/06/92	005	/ /	12/16/92	SR	VEL0J5	VOL	METHYLENE CHLORIDE	45.00	DR	ug/kg
BH027	1093	12/06/92	005	/ /	12/16/92	SR	VEL0J5	VOL	XYLENES (TOTAL)	420.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	2-METHYLNAPHTHALENE	100.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	ACENAPHTHENE	100.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	ANTHRACENE	130.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	BENZ(A)ANTHRACENE	500.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	BENZ(A)PYRENE	500.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	BENZ(B)FLUORANTHENE	850.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	BENZ(G,H,I)PERYLENE	310.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	BENZ(K)FLUORANTHENE	850.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	9,10-DIBENZOANTHRACENE	300.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SELIC6	BNA	CARBAZOLE	82.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	CHRYSENE	640.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	91-B-BUTYLANTHRALENATE	89.00	DR	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	DIBENZOPYRAH	48.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	FLUORANTHENE	800.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	FLUORENE	99.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	INDENOX(1,2,3-CD)PYRENE	300.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	NAFTHALENE	200.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	PHENANTHRENE	500.00		ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	PHENOL	77.00	J	ug/kg
BH028	1094	12/06/92	002	12/15/92	12/17/92	SO	SO136	BNA	PYRENE	1500.00		ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	ALUMINUM	21600.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	ARSENIC	13.50	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	BARIUM	206.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	BERYLLIUM	0.46	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	CADMIUM	1.40	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	CALCIUM	12600.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	CHROMIUM	22.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	COBALT	10.90	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	COPPER	19.10	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	IRON	27000.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	LEAD	19.50	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	MAGNESIUM	6230.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	MANGANESE	396.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	NICKEL	24.50	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	POTASSIUM	1700.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	SODIUM	2650.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	VANADIUM	90.00	J	ug/kg
BH028	1094	12/06/92	002	12/17/92	01/09/93	SO	107	NET	ZINC	63.20	J	ug/kg
BH028	1094	12/06/92	002	12/21/92	12/21/92	SO	107	PHC	GAS	9.60		ug/kg
BH028	1094	12/06/92	002	/ /	12/16/92	SO	107	VOL	2-BUTANONE	8.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	ACETONE	78.00	BR	ug/kg
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	BENZENE	19.00		ug/kg
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	CHLOROPOM	3.00	J	ug/kg
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	ETHYLBENZENE	94.00		ug/kg
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	METHYLENE CHLORIDE	57.00	BR	ug/kg
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	TOLUENE	39.00		ug/kg
SW028	1094	12/06/92	002	/	12/16/92	SO	W0L05	VOL	XYLENES (TOTAL)	200.00		ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	2-METHYLNAPHTHALENE	950.00		ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	2-METHYLPHENOL	99.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	4-METHYLPHENOL	120.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	ACENAPHTHENE	62.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	ANTHRACENE	72.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	DESO(A)ANTHRACENE	110.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	DESO(B)FLUORANTHENE	110.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	DESO(C)FLUORANTHENE	110.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	81&2-ETHYLNAPHTHALENE	110.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	CARBAZOLE	52.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	CHRYSENE	130.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	91-8-BUTYLNAPHTHALENE	110.00	BR	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	FLUORANTHENE	210.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	ANIPHTHALENE	670.00		ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	PERANITRINE	200.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	PHENOL	220.00	J	ug/kg
SW028	1095	12/06/92	005	12/15/92	12/16/92	SO	W0L05	WMA	PYRENE	200.00	J	ug/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	W07	NET	ALUMINUM	30000.00	J	ug/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	W07	NET	ARSENIC	63.00	J	ug/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	W07	NET	BARIUM	235.00	J	ug/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	W07	NET	BERYLLIUM	0.03	J	ug/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	W07	NET	CALCIUM	5050.00	J	ug/kg
SW028	1095	12/06/92	005	12/17/92	01/11/93	SO	W07	NET	CHROMIUM	16.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	REFINED BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	COSALT	10.00	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	COPPER	21.10	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	IRON	35500.00	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	LEAD	9.60	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	MAGNESIUM	4910.00	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	MANGANESE	621.00	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	NICKEL	11.70	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	POTASSIUM	3040.00	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	SODIUM	2110.00	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	WANGIUM	63.20	J	mg/kg
04020	1095	12/06/92	005	12/17/92	01/11/93	SO	807	NET	ZINC	49.10	J	mg/kg
04020	1095	12/06/92	005	12/22/92	12/23/92	SO	807	PRC	GAS	990.00	J	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	ACETONE	70.00	J	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	BENZENE	14.00	J	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	CHLOROPOM	4.00	J	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	ETHYLENE	320.00	J	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	ETHYLENE CHLORIDE	66.00	BR	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	TOLUENE	140.00	J	mg/kg
04020	1095	12/06/92	005	/ /	12/14/92	SO	807	VOL	XYLENES (TOTAL)	1500.00	J	mg/kg
04020	1096	12/06/92	008	12/15/92	12/16/92	SO	807	DMA	2-METHYLNAPHTHALENE	2000.00	J	mg/kg
04020	1096	12/06/92	008	12/15/92	12/16/92	SO	807	DMA	FLUORANTHENE	300.00	J	mg/kg
04020	1096	12/06/92	008	12/15/92	12/16/92	SO	807	DMA	NAPHTHALENE	1700.00	J	mg/kg
04020	1096	12/06/92	008	12/15/92	12/16/92	SO	807	DMA	PERMANTHENE	410.00	J	mg/kg
04020	1096	12/06/92	008	12/15/92	12/16/92	SO	807	DMA	PHENOL	350.00	J	mg/kg
04020	1096	12/06/92	008	12/15/92	12/16/92	SO	807	DMA	PTERENE	430.00	J	mg/kg
04020	1096	12/06/92	008	12/17/92	12/24/92	SO	807	NET	ALUMINUM	18700.00	J	mg/kg
04020	1096	12/06/92	008	12/17/92	12/24/92	SO	807	NET	ARSENIC	39.30	J	mg/kg
04020	1096	12/06/92	008	12/17/92	12/24/92	SO	807	NET	BARIUM	151.00	J	mg/kg
04020	1096	12/06/92	008	12/17/92	12/24/92	SO	807	NET	BERYLLIUM	0.63	J	mg/kg
04020	1096	12/06/92	008	12/17/92	12/24/92	SO	807	NET	CADMIUM	1.50	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	CALCIUM	6110.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	CHROMIUM	10.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	CODALY	10.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	COPPER	21.70	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	IRON	22900.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	LEAD	5.90	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	MAGNESIUM	5020.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	MANGANESE	161.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	NICKEL	17.90	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	POTASSIUM	2650.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	SODIUM	1340.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	WANGIUM	50.00	J	mg/kg
SW020	1096	12/04/92	000	12/17/92	12/24/92	SO	107	NET	ZINC	50.00	J	mg/kg
SW020	1096	12/04/92	000	12/23/92	12/31/92	SO	107	PHC	045	1600.00	J	mg/kg
SW020	1096	12/04/92	000	/ /	12/16/92	SO	107	VOL	2-BUTADIENE	1100.00	J	ug/kg
SW020	1096	12/04/92	000	/ /	12/16/92	SO	107	VOL	ETHYLENE	1100.00	J	ug/kg
SW020	1096	12/04/92	000	/ /	12/16/92	SO	107	VOL	METHYLENE CHLORIDE	530.00	BR	ug/kg
SW020	1096	12/04/92	000	/ /	12/16/92	SO	107	VOL	TOLUENE	520.00	J	ug/kg
SW020	1096	12/04/92	000	/ /	12/16/92	SO	107	VOL	XYLENES (TOTAL)	5600.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	BENZO(A)ANTHRACENE	40.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	BENZO(B)FLUORANTHENE	57.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	BENZO(K)FLUORANTHENE	57.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	810(2-ETHYLMETHYL)PHTHALATE	100.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	CHRYSENE	52.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	91-8-BUTYLPHTHALATE	96.00	BR	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	FLUORANTHENE	110.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	PHEANANTHRENE	130.00	J	ug/kg
SW029	1097	12/04/92	002	12/15/92	12/17/92	SO	107	SMA	PTRENE	110.00	J	ug/kg
SW029	1097	12/04/92	002	12/17/92	12/24/92	SO	107	NET	ALUMINIUM	16100.00	J	mg/kg
SW029	1097	12/04/92	002	12/17/92	12/24/92	SO	107	NET	ARSENIC	4.00	J	mg/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	REFINED BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	BARIUM	136.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	BERYLLIUM	0.50	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	CALCIUM	6060.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	CHROMIUM	14.50	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	COBALT	0.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	COPPER	18.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	IRON	20000.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	LEAD	4.60	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	MAGNESIUM	6000.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	MANGANESE	302.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	NICKEL	20.60	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	POTASSIUM	1400.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	SODIUM	1310.00	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	VANADIUM	64.30	J	mg/kg
SH029	1097	12/04/92	002	12/17/92	12/24/92	SO	NO7	NET	ZINC	44.70	J	mg/kg
SH029	1097	12/04/92	002	12/22/92	12/22/92	SO	NO7	PHC	GAS	2.00	BR	mg/kg
SH029	1097	12/04/92	002	/ /	12/17/92	SO	NO7	VOL	ACETONE	26.00	BR	ug/kg
SH029	1097	12/04/92	002	/ /	12/17/92	SO	NO7	VOL	CHLOROFORM	2.00	BR	ug/kg
SH029	1097	12/04/92	002	/ /	12/17/92	SO	NO7	VOL	METHYLENE CHLORIDE	12.00	BR	ug/kg
SH029	1098	12/04/92	005	12/15/92	12/17/92	SO	NO7	DNA	DESOXACANTHRAcene	44.00	J	ug/kg
SH029	1098	12/04/92	005	12/15/92	12/17/92	SO	NO7	DNA	BIS(2-ETHYLMETHYL)PHENOL	150.00	J	ug/kg
SH029	1098	12/04/92	005	12/15/92	12/17/92	SO	NO7	DNA	DI-N-BUTYLPHENOL	120.00	BR	ug/kg
SH029	1098	12/04/92	005	12/15/92	12/17/92	SO	NO7	DNA	FLUORANTHENE	96.00	J	ug/kg
SH029	1098	12/04/92	005	12/15/92	12/17/92	SO	NO7	DNA	PHENANTHRENE	120.00	J	ug/kg
SH029	1098	12/04/92	005	12/15/92	12/17/92	SO	NO7	DNA	PYRENE	99.00	J	ug/kg
SH029	1098	12/04/92	005	12/17/92	12/24/92	SO	NO7	NET	ALUMINUM	20000.00	J	mg/kg
SH029	1098	12/04/92	005	12/17/92	12/24/92	SO	NO7	NET	ANTHRACENE	45.00	J	mg/kg
SH029	1098	12/04/92	005	12/17/92	12/24/92	SO	NO7	NET	BARIUM	174.00	J	mg/kg
SH029	1098	12/04/92	005	12/17/92	12/24/92	SO	NO7	NET	BERYLLIUM	0.02	J	mg/kg
SH029	1098	12/04/92	005	12/17/92	12/24/92	SO	NO7	NET	CALCIUM	5470.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	REFID BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	CHROMIUM	14.40	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	COBALT	10.70	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	COPPER	21.70	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	IRON	34400.00	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	LEAD	9.50	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	MAGNESIUM	6520.00	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	MANGANESE	641.00	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	NICKEL	23.50	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	POTASSIUM	4430.00	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	SODIUM	1190.00	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	VANADIUM	57.30	J	mg/kg
SM029	1096	12/06/92	005	12/17/92	12/24/92	SO	807	NET	ZINC	49.10	J	mg/kg
SM029	1096	12/06/92	005	/ /	12/16/92	SO	VELOC	VOL	ACETONE	38.00	J	ug/kg
SM029	1096	12/06/92	005	/ /	12/16/92	SO	VELOC	VOL	NETYLENE CHLORIDE	25.00	BR	ug/kg
SM029	1099	12/06/92	005	12/15/92	12/17/92	SR	80336	DMA	918(2-ETHYLMETHYL)PHTHALATE	120.00	J	ug/kg
SM029	1099	12/06/92	005	12/15/92	12/17/92	SR	80336	DMA	91-8-BUTYLPHTHALATE	100.00	BR	ug/kg
SM029	1099	12/06/92	005	12/15/92	12/17/92	SR	80336	DMA	PHENANTHRENE	47.00	J	ug/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	ALUMINIUM	19400.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	ARSENIC	33.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	BARIUM	167.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	BERYLLIUM	0.59	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	CALCIUM	4450.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	CHROMIUM	15.30	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	COBALT	10.30	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	COPPER	21.20	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	IRON	21900.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	LEAD	9.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	MAGNESIUM	5040.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	MANGANESE	377.00	J	mg/kg
SM029	1099	12/06/92	005	12/17/92	12/24/92	SR	807	NET	NICKEL	17.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SH029	1099	12/04/92	005	12/17/92	12/24/92	SR	ND7	NET	POTASSIUM	3000.00	J	mg/kg
SH029	1099	12/04/92	005	12/17/92	12/24/92	SR	ND7	NET	SODIUM	1000.00	J	mg/kg
SH029	1099	12/04/92	005	12/17/92	12/24/92	SR	ND7	NET	AMMONIUM	56.90	J	mg/kg
SH029	1099	12/04/92	005	12/17/92	12/24/92	SR	ND7	NET	ZINC	45.90	J	mg/kg
SH029	1099	12/04/92	005	/ /	12/16/92	SR	VOLCL9	VOL	CHLOROPHOM	2.00	J	ug/kg
SH029	1099	12/04/92	005	/ /	12/16/92	SR	VOLCL9	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
SH029	1100	12/04/92	007	12/15/92	12/18/92	SO	SOCL36	DMA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	J	ug/kg
SH029	1100	12/04/92	007	12/15/92	12/18/92	SO	SOCL36	DMA	FLUORANTHENE	49.00	J	ug/kg
SH029	1100	12/04/92	007	12/15/92	12/18/92	SO	SOCL36	DMA	PHENANTHRENE	54.00	J	ug/kg
SH029	1100	12/04/92	007	12/15/92	12/18/92	SO	SOCL36	DMA	PYRENE	56.00	J	ug/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	ALUMINUM	29900.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	ARSENIC	36.90	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	BARIUM	173.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	BERYLLIUM	0.79	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	CALCIUM	8310.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	CHROMIUM	23.70	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	COBALT	15.60	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	COPPER	54.90	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	IRON	20700.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	LEAD	8.20	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	MAGNESIUM	5400.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	MANGANESE	319.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	MERCURY	0.74	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	NICKEL	31.10	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	POTASSIUM	2900.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	SODIUM	1010.00	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	AMMONIUM	93.30	J	mg/kg
SH029	1100	12/04/92	007	12/17/92	12/24/92	SO	ND7	NET	ZINC	60.70	J	mg/kg
SH029	1100	12/04/92	007	12/21/92	12/22/92	SO	VOLCL9	PIC	GAS	0.06	J	mg/kg
SH029	1100	12/04/92	007	/ /	12/16/92	SO	VOLCL9	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SWLCS6	DMA	2-NETHYLNAPHTHALENE	1600.00		ug/kg
BW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SWLCS6	DMA	ACENAPHTHENE	54.00	J	ug/kg
BW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SWLCS6	DMA	918(2-ETHYLNETHYLNAPHTHALENE	91.00	J	ug/kg
BW030	1101	12/06/92	002	12/15/92	12/17/92	SO	SWLCS6	DMA	NAPHTHALENE	1300.00		ug/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	ALUMINUM	19200.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	ARSENIC	23.20	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	BARIUM	169.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	CALCIUM	20000.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	CHROMIUM	9.60	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	COBALT	8.60	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	COPPER	21.20	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	IRON	10400.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	LEAD	7.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	MAGNESIUM	8440.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	MANGANESE	478.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	MERCURY	1.90	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	NICKEL	12.60	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	POTASSIUM	3370.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	SODIUM	1810.00	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	VANADIUM	48.10	J	mg/kg
BW030	1101	12/06/92	002	12/17/92	01/08/93	SO	MS7	NET	ZINC	48.60	J	mg/kg
BW030	1101	12/06/92	002	12/21/92	12/22/92	SO	VLCLAJ	PMC	GAS	5.80		mg/kg
BW030	1101	12/06/92	002	/	12/16/92	SO	VLCLAJ	VOL	ACETONE	120.00	J	ug/kg
BW030	1101	12/06/92	002	/	12/16/92	SO	VLCLAJ	VOL	BENZENE	4.00	J	ug/kg
BW030	1101	12/06/92	002	/	12/16/92	SO	VLCLAJ	VOL	ETHYLBENZENE	8.00	J	ug/kg
BW030	1101	12/06/92	002	/	12/16/92	SO	VLCLAJ	VOL	METHYLENE CHLORIDE	33.00	BR	ug/kg
BW030	1101	12/06/92	002	/	12/16/92	SO	VLCLAJ	VOL	XYLENES (TOTAL)	56.00		ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	SWLCS6	DMA	2-NETHYLNAPHTHALENE	240.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	SWLCS6	DMA	BENZO(A)ANTHRACENE	66.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	SWLCS6	DMA	BENZO(B)FLUORANTHENE	120.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	BENZO(K)FLUORANTHENE	120.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	88.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	CHRYSENE	67.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	FLUORANTHENE	130.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	NAPHTHALENE	190.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	PHENANTHRENE	90.00	J	ug/kg
BW030	1102	12/06/92	005	12/15/92	12/17/92	SO	80LC36	BNA	PYRENE	120.00	J	ug/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ALUMINUM	16500.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ARSENIC	37.80	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	BARIUM	194.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	BERYLLIUM	0.58	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	CALCIUM	3990.80	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	12.60	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	COBALT	8.80	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	COPPER	18.60	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	IRON	20500.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	LEAD	7.70	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	3630.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	MANGANESE	375.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	NICKEL	11.70	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	2980.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	SODIUM	1240.00	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	VANADIUM	46.10	J	mg/kg
BW030	1102	12/06/92	005	12/17/92	01/07/93	SO	M07	MET	ZINC	41.90	J	mg/kg
BW030	1102	12/06/92	005	12/22/92	12/23/92	SO	VLKAK	PNC	GAS	570.00		mg/kg
BW030	1102	12/06/92	005	/ /	12/16/92	SO	VLKY3	VOL	2-BUTANONE	1300.00	J	ug/kg
BW030	1102	12/06/92	005	/ /	12/16/92	SO	VLKY3	VOL	ETHYLBENZENE	2300.00		ug/kg
BW030	1102	12/06/92	005	/ /	12/16/92	SO	VLKY3	VOL	METHYLENE CHLORIDE	630.00	BR	ug/kg
BW030	1102	12/06/92	005	/ /	12/16/92	SO	VLKY3	VOL	XYLENES (TOTAL)	8200.00		ug/kg
BW030	1103	12/06/92	008	12/15/92	12/17/92	SO	80LC36	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	100.00	J	ug/kg

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

Table D.1. (cont.)

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	ALUMINUM	16300.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	ARSENIC	29.70	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	BARIUM	106.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	BERYLLIUM	0.64	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	CALCIUM	6040.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	CHROMIUM	16.80	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	COBALT	12.70	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	COPPER	19.90	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	IRON	22200.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	LEAD	4.40	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	MAGNESIUM	4860.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	MANGANESE	168.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	NICKEL	38.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	POTASSIUM	2460.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	SODIUM	1260.00	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	VANADIUM	71.10	J	mg/kg
BH030	1103	12/06/92	008	12/17/92	01/08/93	SO	M07	MET	ZINC	57.00	J	mg/kg
BH030	1103	12/06/92	008	12/22/92	12/22/92	SO	VBLKAK	PHC	GAS	3.10	J	mg/kg
BH030	1103	12/06/92	008	/ /	12/16/92	SO	VBLKJ9	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
BH030	1103	12/06/92	008	/ /	12/16/92	SO	VBLKJ9	VOL	XYLENES (TOTAL)	5.00	J	ug/kg
BH031	1104	12/06/92	002	12/15/92	12/17/92	SO	SBLK36	DNA	BIS(2-ETHYLNXYL)PHTHALATE	110.00	J	ug/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	ALUMINUM	20700.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	ARSENIC	58.10	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	BARIUM	178.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	BERYLLIUM	0.82	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	CALCIUM	5490.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	CHROMIUM	14.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	COBALT	15.10	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	COPPER	23.60	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	M07	MET	IRON	26300.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	LEAD	10.20	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	MAGNESIUM	6140.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	MANGANESE	572.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	POTASSIUM	4510.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	SODIUM	1440.00	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	VANADIUM	45.10	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	NET	ZINC	50.50	J	mg/kg
BH031	1104	12/06/92	002	12/17/92	01/08/93	SO	MD7	VOL	ETHYLENE CHLORIDE	50.00	BR	ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	SOUC37	DMA	2,4-DIMETHYLPHEIOL	100.00	J	ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	SOUC37	DMA	2-METHYLNAPHTHALENE	1300.00	J	ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	SOUC37	DMA	NAPHTHALENE	1100.00	J	ug/kg
BH031	1105	12/06/92	005	12/15/92	12/17/92	SO	SOUC37	DMA	PHENOL	90.00	J	ug/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	ALUMINUM	20000.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	BARIUM	170.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	BERYLLIUM	0.62	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	CALCIUM	7100.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	CHROMIUM	23.40	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	COBALT	9.50	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	COPPER	21.50	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	IRON	22100.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	LEAD	5.30	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	MAGNESIUM	4270.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	MANGANESE	195.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	NICKEL	18.90	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	POTASSIUM	1090.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	SODIUM	1520.00	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	VANADIUM	70.20	J	mg/kg
BH031	1105	12/06/92	005	12/23/92	01/09/93	SO	MD8	NET	ZINC	51.20	J	mg/kg
BH031	1105ME	12/06/92	005	/ /	12/22/92	SO	VBKJAJ	PHC	GAS	2500.00	J	mg/kg
BH031	1105	12/06/92	005	/ /	12/16/92	SO	VBKJTS	VOL	2-BUTANONE	1200.00	J	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	REFID BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
DH031	1105	12/04/92	005	/ /	12/16/92	SO	VOL13	VOL	ETHYLENE	639.00	J	ug/kg
DH031	1105	12/04/92	005	/ /	12/16/92	SO	VOL13	VOL	METHYLENE CHLORIDE	656.00	BR	ug/kg
DH031	1105	12/04/92	005	/ /	12/16/92	SO	VOL13	VOL	XYLENES (TOTAL)	2609.00		ug/kg
DH031	1106	12/04/92	005	12/24/92	12/29/92	SR	SOL137	DMA	2,4-DIMETHYLBENZOL	196.00	J	ug/kg
DH031	1106	12/04/92	005	12/24/92	12/29/92	SR	SOL137	DMA	2-METHYLBENZENE	1209.00		ug/kg
DH031	1106	12/04/92	005	12/24/92	12/29/92	SR	SOL137	DMA	METHYLENE	909.00		ug/kg
DH031	1106	12/04/92	005	12/24/92	12/29/92	SR	SOL137	DMA	2-METHYLBENZENE	20009.00	J	ug/kg
DH031	1106	12/04/92	005	12/24/92	12/29/92	SR	SOL137	DMA	ACENAPHTHENE	350.00	J	ug/kg
DH031	1106	12/04/92	005	12/24/92	12/29/92	SR	SOL137	DMA	METHYLENE	13000.00	J	ug/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	ALUMINUM	17300.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	ARSENIC	115.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	BARITUM	127.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	BERYLLIUM	0.79	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	CALCIUM	9970.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	CHROMIUM	18.50	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	COBALT	9.30	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	COPPER	21.50	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	IRON	24600.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	LEAD	4.40	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	MAGNESIUM	4028.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	MANGANESE	170.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	NICKEL	20.40	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	POTASSIUM	1660.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	SODIUM	1230.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	VANADIUM	72.00	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	01/09/93	SR	MO8	NET	ZINC	52.70	J	mg/kg
DH031	1106	12/04/92	005	12/23/92	12/31/92	SR	VOL14J	PHC	GAS	2200.00		mg/kg
DH031	1106	12/04/92	005	/ /	12/16/92	SR	VOL13	VOL	BENZENE	670.00	J	ug/kg
DH031	1106	12/04/92	005	/ /	12/16/92	SR	VOL13	VOL	ETHYLENE	24000.00		ug/kg
DH031	1106	12/04/92	005	/ /	12/16/92	SR	VOL13	VOL	METHYLENE CHLORIDE	990.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH031	1106	12/06/92	005	/ /	12/16/92	SR	VBLY3	VOL	TOLUENE	3900.00		ug/kg
BH031	1106	12/06/92	005	/ /	12/16/92	SR	VBLY3	VOL	XYLENES (TOTAL)	62000.00		ug/kg
BH031	1107	12/06/92	008	12/15/92	12/16/92	SO	SOILC37	BNA	2,4-DIMETHYLPHENOL	210.00	J	ug/kg
BH031	1107	12/06/92	008	12/15/92	12/16/92	SO	SOILC37	BNA	2-METHYLNAPHTHALENE	1300.00		ug/kg
BH031	1107	12/06/92	008	12/15/92	12/16/92	SO	SOILC37	BNA	NAPHTHALENE	930.00		ug/kg
BH031	1107	12/06/92	008	12/15/92	12/16/92	SO	SOILC37	BNA	PHENOL	150.00	J	ug/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	ALUMINUM	19200.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	ARSENIC	12.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	BARIUM	113.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	BERYLLIUM	0.66	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	CALCIUM	5630.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	CHROMIUM	21.10	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	CODALT	11.50	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	COPPER	19.90	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	IRON	26100.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	LEAD	6.10	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	MAGNESIUM	3070.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	MANGANESE	154.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	MERCURY	0.14	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	NICKEL	26.90	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	POTASSIUM	1440.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	SODIUM	1230.00	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	Vanadium	95.70	J	mg/kg
BH031	1107	12/06/92	008	12/23/92	12/29/92	SO	MOB	MET	ZINC	48.10	J	mg/kg
BH031	1107NE	12/06/92	008	/ /	12/22/92	SO	VBLYAJ	PHC	GAS	2000.00		mg/kg
BH031	1107	12/06/92	008	/ /	12/16/92	SO	VBLY3	VOL	BENZENE	230.00	J	ug/kg
BH031	1107	12/06/92	008	/ /	12/16/92	SO	VBLY3	VOL	METHYLENE CHLORIDE	800.00	BR	ug/kg
BH031	1107	12/06/92	008	/ /	12/16/92	SO	VBLY3	VOL	XYLENES (TOTAL)	1400.00	J	ug/kg
BH006	1535	12/06/92	001	12/09/92	12/12/92	GM	SOILC05	BNA	810(2-ETHYLNEXTYL)NPHNALATE	17.00	J	ug/L
BH006	1535	12/06/92	001	12/09/92	12/12/92	GM	SOILC05	BNA	01-N-BUTYLNPHNALATE	2.00	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA006	1535	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	PHENOL	2.00	J	UG/L
MA006	1535	12/04/92	001	12/14/92	12/14/92	GM	VIBLKTWPMV10	PHC	GAS	0.54		MG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	1,2-DICHLOROTHEANE (TOTAL)	2.00	J	UG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	BENZENE	21.00		UG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	ETHYLBENZENE	4.00	BR	UG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	METHYLENE CHLORIDE	6.00	BR	UG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	TOLUENE	6.00	J	UG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	TRICHLOROTHEANE	1.00	J	UG/L
MA006	1535	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	XYLENES (TOTAL)	63.00		UG/L
MA010	1536	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	BIS(2-ETHYLMETHYL)PHENALATE	1.00	BR	UG/L
MA010	1536	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	DI-N-BUTYLPHENALATE	2.00	J	UG/L
MA010	1536	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	1,2-DICHLOROTHEANE	5.00	J	UG/L
MA010	1536	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK	VOL	METHYLENE CHLORIDE	2.00	BR	UG/L
MA007	1537	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	2-METHYLMETHYLBENZENE	940.00		UG/L
MA007	1537	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	FLUORANTHENE	76.00	J	UG/L
MA007	1537	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	NAPHTHALENE	840.00		UG/L
MA007	1537	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	PHENANTHRENE	85.00	J	UG/L
MA007	1537	12/04/92	001	12/09/92	12/12/92	GM	SOLK05	BMA	PYRENE	94.00	J	UG/L
MA007	1537	12/04/92	001	12/15/92	12/15/92	GM	VIBLKTWPMV10	PHC	GAS	28.00		MG/L
MA007	1537	12/04/92	001	/ /	12/12/92	GM	HAZARAPBLK	VOL	BENZENE	2300.00		UG/L
MA007	1537	12/04/92	001	/ /	12/12/92	GM	HAZARAPBLK	VOL	ETHYLBENZENE	480.00		UG/L
MA007	1537	12/04/92	001	/ /	12/12/92	GM	HAZARAPBLK	VOL	METHYLENE CHLORIDE	76.00	J	UG/L
MA007	1537	12/04/92	001	/ /	12/12/92	GM	HAZARAPBLK	VOL	XYLENES (TOTAL)	1400.00		UG/L
MA024	1539	12/04/92	001	12/09/92	12/10/92	GM	SOLK04	BMA	BIS(2-ETHYLMETHYL)PHENALATE	3.00	J	UG/L
MA024	1539	12/04/92	001	12/09/92	12/10/92	GM	SOLK04	BMA	DIBENZYLPHENALATE	1.00	J	UG/L
MA024	1539	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	UG/L
MA024	1539	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK1	VOL	TOLUENE	2.00	J	UG/L
MA023	1540	12/04/92	001	12/09/92	12/10/92	GM	SOLK04	BMA	BIS(2-ETHYLMETHYL)PHENALATE	1.00	J	UG/L
MA023	1540	12/04/92	001	12/09/92	12/10/92	GM	SOLK04	BMA	DIBENZYLPHENALATE	1.00	J	UG/L
MA023	1540	12/04/92	001	/ /	12/11/92	GM	HAZARAPBLK1	VOL	METHYLENE CHLORIDE	3.00	BR	UG/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD	BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA023	1540	12/06/92	001	/ /	12/11/92	GM	HAZARAPBLK1		VOL	TOLUENE	2.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	2,4-DIMETHYLPHENOL	5.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	2-METHYLNAPHTHALENE	5.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	ACENAPHTHENE	1.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	ANTHRACENE	1.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	BIS(2-ETHYLBENZYL)PHTHALATE	19.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	CARBAZOLE	4.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	DI-N-BUTYLPHTHALATE	1.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	DIBENZOPURAN	2.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	FLUORANTHENE	1.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	NAPHTHALENE	6.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	PHENANTHRENE	3.00	J	ug/L
HA025	1541	12/16/92	001	12/17/92	12/20/92	GM	SOILG60		DMA	PHENOL	22.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	ALUMINUM	235.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	ARGENTIC	258.00	J	ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	BARIUM	140.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	CALCIUM	153000.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	IRON	1450.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	MAGNESIUM	39200.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	MANGANESE	2500.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	POTASSIUM	10600.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	SODIUM	106000.00		ug/L
HA025	1541	12/16/92	001	/ /	/ /	GM	H10		MET	ZINC	4.70		ug/L
HA025	1541	12/16/92	001	12/30/92	12/30/92	GM	VIBLKTMPAD01		PHC	GAS	2.40		ug/L
HA025	1541	12/16/92	001	/ /	12/20/92	GM	VOLIC2		VOL	BENZENE	630.00		ug/L
HA025	1541	12/16/92	001	/ /	12/20/92	GM	VOLIC2		VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
HA025	1541	12/16/92	001	/ /	12/20/92	GM	VOLIC2		VOL	TOLUENE	7.00	J	ug/L
HA025	1541	12/16/92	001	/ /	12/20/92	GM	VOLIC2		VOL	XYLENES (TOTAL)	92.00		ug/L
HA010	1576	03/06/93	001	03/10/93	03/12/93	GM	SOILC31		DMA	BIS(2-ETHYLBENZYL)PHTHALATE	1.00	BR	ug/L
HA010	1576	03/06/93	001	03/10/93	03/12/93	GM	SOILC31		DMA	BUTYLBENZYLPHTHALATE	1.00	BR	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA010	1576	03/04/93	001	/ /	03/10/93	GW	VIBLTPHA03	PHC	TPH BY GAS STD	0.05	J	mg/L
HA023	1577	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	B19(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
HA023	1577	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	BUTYLBENZYL PHTHALATE	1.00	BR	ug/L
HA023	1577	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
HA006	1578	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	2,4-DIMETHYLPHENOL	1.00	J	ug/L
HA006	1578	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	2-METHYLNAPHTHALENE	3.00	J	ug/L
HA006	1578	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	B19(2-ETHYLNEXYL)PHTHALATE	3.00	BR	ug/L
HA006	1578	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	BUTYLBENZYL PHTHALATE	2.00	BR	ug/L
HA006	1578	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	NAPHTHALENE	6.00	J	ug/L
HA006	1578	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	PHENOL	4.00	J	ug/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VIBLTPHA03	PHC	GAS	1.40		mg/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	BENZENE	67.00		ug/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	CHLOROPHOM	1.00	J	ug/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	ETHYLBENZENE	55.00		ug/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	METHYLENE CHLORIDE	31.00	BR	ug/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	TOLUENE	1.00	J	ug/L
HA006	1578	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	XYLENES (TOTAL)	73.00		ug/L
HA024	1579	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	B19(2-ETHYLNEXYL)PHTHALATE	4.00	BR	ug/L
HA024	1579	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	BUTYLBENZYL PHTHALATE	2.00	BR	ug/L
HA024	1579	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	CHLOROPHOM	1.00	J	ug/L
HA024	1579	03/04/93	001	/ /	03/11/93	GW	VOLICS	VOL	METHYLENE CHLORIDE	32.00	BR	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	2,4-DIMETHYLPHENOL	3.00	J	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	2-METHYLNAPHTHALENE	8.00	J	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	4-METHYLPHENOL	1.00	J	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	ACENAPHTHENE	2.00	J	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	B19(2-ETHYLNEXYL)PHTHALATE	4.00	BR	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	BUTYLBENZYL PHTHALATE	1.00	BR	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	CARBAZOLE	3.00	J	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	DIBENZOPURAN	1.00	J	ug/L
HA025	1500	03/04/93	001	03/10/93	03/12/93	GW	SOLICS1	BNA	FLUORENE	1.00	J	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA025	1580	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	NAPHTHALENE	12.00		ug/L
HA025	1580	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	PHENANTHRENE	2.00	J	ug/L
HA025	1580	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	PHENOL	32.00		ug/L
HA025	1580	03/06/93	001	/ /	03/11/93	GM	VI01KTPH05	PHC	GAS	1.00		ug/L
HA025	1580	03/06/93	001	/ /	03/11/93	GM	VI01KTPH05	VOL	BENZENE	380.00		ug/L
HA025	1580	03/06/93	001	/ /	03/11/93	GM	VI01KTPH05	VOL	ETHYLBENZENE	14.00	J	ug/L
HA025	1580	03/06/93	001	/ /	03/11/93	GM	VI01KTPH05	VOL	METHYLENE CHLORIDE	22.00	BR	ug/L
HA025	1580	03/06/93	001	/ /	03/11/93	GM	VI01KTPH05	VOL	TOLUENE	8.00	J	ug/L
HA025	1580	03/06/93	001	/ /	03/11/93	GM	VI01KTPH05	VOL	XYLENES (TOTAL)	99.00		ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	2-METHYLNAPHTHALENE	9000.00		ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	ACENAPHTHENE	240.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	ANTHRACENE	210.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(A)ANTHRACENE	200.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(A)PYRENE	140.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(B)FLUORANTHENE	290.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(C)FLUORANTHENE	290.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	810(2-ETHYLNEXTLYNTHALATE	140.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	CHRYSENE	330.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	91BERZOPURAN	130.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	FLUORANTHENE	640.00		ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	FLUORENE	220.00	J	ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	NAPHTHALENE	6400.00		ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	PHENANTHRENE	650.00		ug/L
HA007	1581	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	PYRENE	610.00	J	ug/L
HA007	15810L	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	2-METHYLNAPHTHALENE	9400.00		ug/L
HA007	15810L	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	ACENAPHTHENE	330.00	J	ug/L
HA007	15810L	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	ANTHRACENE	240.00	J	ug/L
HA007	15810L	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(A)ANTHRACENE	330.00	J	ug/L
HA007	15810L	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(A)PYRENE	190.00	J	ug/L
HA007	15810L	03/06/93	001	03/10/93	03/12/93	GM	80131	BMA	BERZO(B)FLUORANTHENE	320.00	J	ug/L

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 7

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	BENZO(a)FLUORANTHENE	320.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	BIS(2-ETHYLBENZYL)PHOSPHONATE	190.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	CHRYSENE	300.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	DIBENZOFLUORAN	100.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	FLUORANTHENE	700.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	FLUORENE	300.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	INDENOPHANTHENE	6000.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	PHENANTHRENE	700.00	J	ug/L
RA007	150104	03/06/93	001	03/10/93	03/12/93	GW	001031	001031	PYRENE	700.00	J	ug/L
RA007	1501	03/06/93	001	/ /	03/11/93	GW	VIBLKT0005	001031	PAH	14.00	J	ug/L
RA010	1593	03/17/93	001	/ /	03/19/93	GW	001032	001032	1,2-DICHLOROBENZENE	2.00	J	ug/L
RA010	1593	03/17/93	001	/ /	03/19/93	GW	001032	001032	METHYLENE CHLORIDE	5.00	BR	ug/L
RA007	1593	03/17/93	001	/ /	03/19/93	GW	001032	001032	BENZENE	2100.00	J	ug/L
RA007	1593	03/17/93	001	/ /	03/19/93	GW	001032	001032	ETHYLBENZENE	400.00	J	ug/L
RA007	1593	03/17/93	001	/ /	03/19/93	GW	001032	001032	METHYLENE CHLORIDE	51.00	J	ug/L
RA007	1593	03/17/93	001	/ /	03/19/93	GW	001032	001032	XYLENES (TOTAL)	1000.00	J	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
98016	1060	12/05/92	004	12/11/92	12/16/92	SO	SOLEX24	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	88.00	J	ug/kg
98016	1060	12/05/92	004	12/11/92	12/16/92	SO	SOLEX24	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	72.00	DR	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	ALUMINUM	13700.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	ARSENIC	17.20	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	BARIUM	100.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	CALCIUM	6900.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	CHROMIUM	11.90	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	COBALT	5.70	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	COPPER	20.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	IRON	15000.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	LEAD	4.90	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	MAGNESIUM	5730.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	MANGANESE	240.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	NICKEL	14.30	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	POTASSIUM	1000.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	SODIUM	1120.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	VANADIUM	42.00	J	ug/kg
98016	1060	12/05/92	004	12/16/92	12/23/92	SO	N05	NET	ZINC	37.10	J	ug/kg
98016	1060	12/05/92	004	12/17/92	12/17/92	SO	VALIDE	PNC	GAS	39.00		ug/kg
98016	1060	12/05/92	004	/ /	12/11/92	SO	VALIDE	VOL	ACETONE	20.00	DR	ug/kg
98016	1060	12/05/92	004	/ /	12/11/92	SO	VALIDE	VOL	METHYLENE CHLORIDE	21.00	DR	ug/kg
98016	1061	12/05/92	006	12/11/92	12/16/92	SO	SOLEX24	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	77.00	J	ug/kg
98016	1061	12/05/92	006	12/11/92	12/16/92	SO	SOLEX24	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	85.00	DR	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	ALUMINUM	23200.00	J	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	ARSENIC	16.10	J	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	BARIUM	175.00	J	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	BERYLLIUM	0.71	J	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	CALCIUM	8400.00	J	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	CHROMIUM	26.40	J	ug/kg
98016	1061	12/05/92	006	12/16/92	01/05/93	SO	N05	NET	COBALT	10.60	J	ug/kg

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Table D.1. (cont.)

SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	COPPER	37.60	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	IRON	29600.00	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	LEAD	7.40	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	MANGANESE	5190.00	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	MANGANESE	375.00	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	NICKEL	26.40	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	POTASSIUM	1650.00	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	SODIUM	1740.00	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	VANADIUM	65.60	J	mg/kg
BH016	1041	12/05/92	006	12/16/92	01/05/93	SO	M05	MET	ZINC	116.00	J	mg/kg
BH016	1041	12/05/92	006	12/17/92	12/17/92	SO	VL06	PNC	GAS	0.21		mg/kg
BH016	1041	12/05/92	006	/ /	12/11/92	SO	VL04	VOL	ACETONE	20.00	BR	mg/kg
BH016	1041	12/05/92	006	/ /	12/11/92	SO	VL04	VOL	METHYLENE CHLORIDE	20.00	BR	mg/kg
BH016	1042	12/05/92	006	12/11/92	12/16/92	SR	SL024	DNA	910(2-ETHYLNETHYL)PHTHALATE	80.00	J	mg/kg
BH016	1042	12/05/92	006	12/11/92	12/16/92	SR	SL024	DNA	91-N-BUTYLPHTHALATE	84.00	BR	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	ALUMINUM	25300.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	ARSENIC	101.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	BARIUM	195.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	CALCIUM	7940.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	CHLORINE	25.20	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	CODIOL	9.70	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	COPPER	26.90	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	IRON	22500.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	LEAD	5.10	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	MANGANESE	5990.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	MANGANESE	450.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	NICKEL	20.10	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	POTASSIUM	1500.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	SODIUM	1670.00	J	mg/kg
BH016	1042	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	VANADIUM	50.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH016	1062	12/05/92	006	12/16/92	01/05/93	SR	M05	MET	ZINC	51.10	J	mg/kg
BH016	1062	12/05/92	006	/ /	12/11/92	SR	VL004	VOL	ACETONE	17.00	BR	ug/kg
BH016	1062	12/05/92	006	/ /	12/11/92	SR	VL004	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BH016	1063	12/05/92	008	12/11/92	12/16/92	SO	SL024	DMA	BIS(2-ETHYLNEXYL)PHTHALATE	66.00	J	ug/kg
BH016	1063	12/05/92	008	12/11/92	12/16/92	SO	SL024	DMA	DI-N-BUTYLPHTHALATE	82.00	BR	ug/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	ALUMINUM	14300.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	ARSENIC	6.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	BARIUM	117.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	CALCIUM	4900.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	CHROMIUM	13.60	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	COBALT	14.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	COPPER	20.60	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	IRON	19000.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	LEAD	4.90	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	MAGNESIUM	3500.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	MANGANESE	142.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	NICKEL	28.30	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	SODIUM	1060.00	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	VANADIUM	70.50	J	mg/kg
BH016	1063	12/05/92	008	12/16/92	01/05/93	SO	M05	MET	ZINC	45.70	J	mg/kg
BH016	1063	12/05/92	008	/ /	12/11/92	SO	VL004	VOL	ACETONE	17.00	BR	ug/kg
BH016	1063	12/05/92	008	/ /	12/11/92	SO	VL004	VOL	CHLOROFORM	1.00	J	ug/kg
BH016	1063	12/05/92	008	/ /	12/11/92	SO	VL004	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH017	1064	12/05/92	004	12/11/92	12/16/92	SO	SL024	DMA	BIS(2-ETHYLNEXYL)PHTHALATE	62.00	J	ug/kg
BH017	1064	12/05/92	004	12/11/92	12/16/92	SO	SL024	DMA	DI-N-BUTYLPHTHALATE	69.00	BR	ug/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	ALUMINUM	20500.00	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	ARSENIC	5.90	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	BARIUM	95.50	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	BERYLLIUM	0.53	J	mg/kg
BH017	1064	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	CALCIUM	6060.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	CHROMIUM	18.50	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	COBALT	13.10	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	COPPER	26.00	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	IRON	26500.00	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	LEAD	5.30	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	MAGNESIUM	10000.00	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	MANGANESE	544.00	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	NICKEL	33.40	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	POTASSIUM	4990.00	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	SODIUM	1690.00	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	VANADIUM	60.70	J	mg/kg
BH017	1044	12/05/92	004	12/16/92	12/23/92	SO	M05	MET	ZINC	54.40	J	mg/kg
BH017	1044	12/05/92	004	/ /	12/11/92	SO	VEL04	VOL	ACETONE	16.00	BR	ug/kg
BH017	1044	12/05/92	004	/ /	12/11/92	SO	VEL04	VOL	METHYLENE CHLORIDE	23.00	BR	ug/kg
BH017	1045	12/05/92	004	12/11/92	12/16/92	SR	SBL04	DMA	BIS(2-ETHYLBUTYL)PHTHALATE	94.00	J	ug/kg
BH017	1045	12/05/92	004	12/11/92	12/16/92	SR	SBL04	DMA	DI-N-BUTYLPHTHALATE	87.00	BR	ug/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	ALUMINUM	20000.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	ARGENIC	19.80	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	BARIUM	141.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	CALCIUM	6390.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	CHROMIUM	15.70	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	COBALT	13.80	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	COPPER	27.30	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	IRON	21600.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	LEAD	5.20	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	MAGNESIUM	9920.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	MANGANESE	734.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	NICKEL	30.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	POTASSIUM	4290.00	J	mg/kg
BH017	1045	12/05/92	004	12/16/92	12/23/92	SR	M05	MET	SODIUM	1160.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
04017	1045	12/05/92	004	12/14/92	12/23/92	SR	M05	MET	Vanadium	50.80	J	mg/kg
04017	1045	12/05/92	004	12/14/92	12/23/92	SR	M05	MET	ZINC	54.40	J	mg/kg
04017	1045	12/05/92	004	/ /	12/11/92	SR	VL004	VOL	ACETONE	24.00	BR	ug/kg
04017	1045	12/05/92	004	/ /	12/11/92	SR	VL004	VOL	METHYLENE CHLORIDE	16.00	BR	ug/kg
04017	1046	12/05/92	006	12/11/92	12/14/92	SO	SL024	DMA	816(2-ETHYLBENZYL)PHTHALATE	76.00	J	ug/kg
04017	1046	12/05/92	006	12/11/92	12/14/92	SO	SL024	DMA	DI-N-BUTYLPHTHALATE	90.00	BR	ug/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	ALUMINUM	12600.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	ARSENIC	13.80	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	BARIUM	91.10	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	BERYLLIUM	0.61	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	CALCIUM	3970.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	CHLORINE	12.20	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	CODALIT	5.60	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	COPPER	24.30	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	IRON	35800.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	LEAD	6.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	MAGNESIUM	3110.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	MANGANESE	115.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	NICKEL	13.10	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	POTASSIUM	2210.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	SODIUM	4120.00	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	Vanadium	31.70	J	mg/kg
04017	1046	12/05/92	006	12/14/92	01/05/93	SO	M05	MET	ZINC	40.30	J	mg/kg
04017	1046RE	12/05/92	006	/ /	12/22/92	SO	VL041	PMC	GAS	2.80		mg/kg
04017	1046	12/05/92	006	/ /	12/11/92	SO	VL004	VOL	ACETONE	23.00	BR	ug/kg
04017	1046	12/05/92	006	/ /	12/11/92	SO	VL004	VOL	METHYLENE CHLORIDE	18.00	BR	ug/kg
04017	1047	12/05/92	008	12/11/92	12/17/92	SO	SL024	DMA	816(2-ETHYLBENZYL)PHTHALATE	220.00	J	ug/kg
04017	1047	12/05/92	008	12/11/92	12/17/92	SO	SL024	DMA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
04017	1047	12/05/92	008	12/14/92	12/24/92	SO	M05	MET	ALUMINUM	11000.00	J	mg/kg
04017	1047	12/05/92	008	12/14/92	12/24/92	SO	M05	MET	ARSENIC	32.40	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	BARIUM	79.20	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	CALCIUM	3490.00	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	CHROMIUM	15.80	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	COBALT	11.60	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	COPPER	20.70	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	IRON	16200.00	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	LEAD	4.70	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	MAGNESIUM	3070.00	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	MANGANESE	117.00	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	NICKEL	23.90	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	POTASSIUM	1440.00	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	SODIUM	1710.00	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	VANADIUM	62.40	J	mg/kg
BH017	1067	12/05/92	008	12/16/92	12/24/92	SO	M05	MET	ZINC	56.50	J	mg/kg
BH017	1067	12/05/92	008	12/18/92	12/18/92	SO	VBLCBG	PHC	GAS	0.03	BR	mg/kg
BH017	1067	12/05/92	008	/ /	12/11/92	SO	VBLCN4	VOL	ACETONE	40.00	BR	ug/kg
BH017	1067	12/05/92	008	/ /	12/11/92	SO	VBLCN4	VOL	METHYLENE CHLORIDE	36.00	BR	ug/kg
BH018	1068	12/05/92	003	12/11/92	12/17/92	SO	S8LK24	BNA	BIS(2-ETHYLMETHYL)PHTHALATE	200.00	J	ug/kg
BH018	1068	12/05/92	003	12/11/92	12/17/92	SO	S8LK24	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	ALUMINUM	16100.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	ARSENIC	21.70	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	BARIUM	141.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	CALCIUM	61500.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	CHROMIUM	8.70	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	COBALT	5.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	COPPER	27.40	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	IRON	12400.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	LEAD	4.40	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	MAGNESIUM	20400.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	SO	M05	MET	MANGANESE	336.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	NET/NO BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH018	1068	12/05/92	003	12/16/92	01/05/93	90	NO5	NET	NICKEL	11.10	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	90	NO5	NET	POTASSIUM	4458.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	90	NO5	NET	SODIUM	2528.00	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	90	NO5	NET	VANADIUM	43.40	J	mg/kg
BH018	1068	12/05/92	003	12/16/92	01/05/93	90	NO5	NET	ZINC	59.20	J	mg/kg
BH018	1068	12/05/92	003	12/17/92	12/18/92	90	VBLEAI	PHC	GAS	34.00		mg/kg
BH018	1068	12/05/92	003	/ /	12/11/92	90	VBLEDA	VOL	ACETONE	67.00	BR	ug/kg
BH018	1068	12/05/92	003	/ /	12/11/92	90	VBLEDA	VOL	METHYLENE CHLORIDE	29.00	BR	ug/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	ALUMINUM	21400.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	ARSENIC	97.10	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	BARIUM	105.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	BERYLLIUM	0.56	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	CALCIUM	6290.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	CHROMIUM	18.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	COBALT	12.30	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	COPPER	21.40	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	IRON	28200.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	LEAD	5.20	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	MAGNESIUM	7910.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	MANGANESE	733.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	NICKEL	18.40	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	POTASSIUM	3600.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	SODIUM	1550.00	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	VANADIUM	61.60	J	mg/kg
BH018	1069	12/05/92	005	12/16/92	12/24/92	90	NO5	NET	ZINC	52.80	J	mg/kg
BH018	1069	12/05/92	005	12/18/92	12/19/92	90	VBLEDB	PHC	GAS	0.01	BR	mg/kg
BH018	1069	12/05/92	005	/ /	12/11/92	90	VBLEDA	VOL	ACETONE	35.00	BR	ug/kg
BH018	1069	12/05/92	005	/ /	12/11/92	90	VBLEDA	VOL	METHYLENE CHLORIDE	49.00	BR	ug/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	NO5	NET	ALUMINUM	20500.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	NO5	NET	ARSENIC	11.20	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	BARIIUM	195.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	CALCIUM	5940.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	CHROMIUM	15.40	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	COBALT	14.40	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	COPPER	26.20	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	IRON	21400.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	LEAD	6.60	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	MAGNESIUM	4330.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	MANGANESE	140.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	NICKEL	26.20	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	SODIUM	1190.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	VANADIUM	71.00	J	mg/kg
BH018	1070	12/05/92	008	12/16/92	12/24/92	90	M05	NET	ZINC	50.30	J	mg/kg
BH018	1070	12/05/92	008	12/18/92	12/19/92	90	VBK04	PNC	GAS	0.01	BR	mg/kg
BH018	1070	12/05/92	008	/ /	12/11/92	90	VBK04	VOL	ACETONE	47.00	BR	ug/kg
BH018	1070	12/05/92	008	/ /	12/11/92	90	VBK04	VOL	METHYLENE CHLORIDE	62.00	BR	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	BENZOXANTHACENE	88.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	BENZOXANTHRENE	70.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	BENZOK(8)FLUORANTHRENE	140.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	BENZOK(K)FLUORANTHRENE	140.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	BIS(2-ETHYLMETHYL)PHTHALATE	44.00	BR	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	CHRYSENE	75.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	FLUORANTHRENE	160.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	PHENANTHRENE	65.00	J	ug/kg
BH019	1071	12/05/92	002	12/15/92	12/17/92	90	SBLK37	BNA	PYRENE	130.00	J	ug/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	90	M05	NET	ALUMINUM	17200.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	90	M05	NET	ARSENIC	15.10	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	90	M05	NET	BARIIUM	105.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	90	M05	NET	CALCIUM	17900.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	90	M05	NET	CHROMIUM	12.60	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	COBALT	6.30	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	COPPER	22.90	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	IRON	17500.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	LEAD	7.70	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	MAGNESIUM	9180.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	MANGANESE	279.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	NICKEL	18.40	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	POTASSIUM	2080.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	SODIUM	1200.00	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	VARADUM	50.40	J	mg/kg
BH019	1071	12/05/92	002	12/16/92	12/24/92	SO	M05	NET	ZINC	48.60	J	mg/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBK06	VOL	2-BUTANONE	16.00		ug/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBK06	VOL	ACETONE	80.00	BR	ug/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBK06	VOL	CHLOROFORM	2.00	BR	ug/kg
BH019	1071	12/05/92	002	/ /	12/16/92	SO	VBK06	VOL	METHYLENE CHLORIDE	37.00	BR	ug/kg
BH020	1072	12/05/92	006	12/15/92	12/18/92	SO	SBLK37	BNA	818(2-ETHYLHEXYL)PHTHALATE	86.00	BR	ug/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	ARSENIC	27.80	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	BARIUM	226.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	BERYLLIUM	0.58	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	CALCIUM	9670.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	CHROMIUM	17.40	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	COBALT	15.80	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	COPPER	40.30	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	IRON	27400.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	LEAD	5.40	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	MAGNESIUM	8180.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	MANGANESE	1880.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	NICKEL	35.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	POTASSIUM	3990.00	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	SODIUM	2640.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	MO6	MET	Vanadium	81.50	J	mg/kg
BH020	1072	12/05/92	006	12/18/92	01/06/93	SO	MO6	MET	Zinc	70.90	J	mg/kg
BH020	1072	12/05/92	006	/ /	12/11/92	SO	VLK04	VOL	Acetone	22.00	BR	ug/kg
BH020	1072	12/05/92	006	/ /	12/11/92	SO	VLK04	VOL	Methylene Chloride	25.00	BR	ug/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Aluminum	21500.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Arsenic	25.70	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Barium	121.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Calcium	6060.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Chromium	17.50	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Cobalt	9.70	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Copper	22.10	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Iron	23400.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Lead	5.10	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Magnesium	7760.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Manganese	359.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Nickel	26.50	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Potassium	2950.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Sodium	2100.00	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Vanadium	67.70	J	mg/kg
BH020	1073	12/05/92	006	12/18/92	01/05/93	SR	MO6	MET	Zinc	47.60	J	mg/kg
BH020	1073	12/05/92	006	/ /	12/11/92	SR	VLK04	VOL	Acetone	13.00	BR	ug/kg
BH020	1073	12/05/92	006	/ /	12/11/92	SR	VLK04	VOL	Chloroform	1.00	J	ug/kg
BH020	1073	12/05/92	006	/ /	12/11/92	SR	VLK04	VOL	Methylene Chloride	29.00	BR	ug/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Aluminum	21100.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Arsenic	7.10	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Barium	166.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Calcium	6060.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Chromium	18.30	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Cobalt	14.50	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	MO6	MET	Copper	23.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	IRON	24000.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	LEAD	5.30	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	4400.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	MANGANESE	171.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	NICKEL	25.16	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2450.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	SODIUM	1950.00	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	VANADIUM	83.50	J	mg/kg
BH020	1074	12/05/92	008	12/18/92	01/06/93	SO	M06	MET	ZINC	56.50	J	mg/kg
BH020	1074	12/05/92	008	12/21/92	12/22/92	SO	VBKAI	PHC	GAS	0.27		mg/kg
BH020	1074	12/05/92	008	/ /	12/11/92	SO	VBK04	VOL	ACETONE	23.00	BR	ug/kg
BH020	1074	12/05/92	008	/ /	12/11/92	SO	VBK04	VOL	METHYLENE CHLORIDE	24.00	BR	ug/kg
MA013	1522	12/04/92	001	12/08/92	12/10/92	GW	SBLK96	BNA	BIS(2-ETHYLBENZYL)PHOSPHONATE	1.00	J	ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	161.00		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	23.20	J	ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	40.60		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	44300.00		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	50.20		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	8670.00		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	24.10		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	8970.00		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	94000.00		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	8.70		ug/L
MA013	1522	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	8.40		ug/L
MA013	1522	12/04/92	001	/ /	12/10/92	GW	VBK01	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	213.00		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	14.50	J	ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	37.30		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	51400.00		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	COPPER	7.80		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	75.20		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	10000.00		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	86.40		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	10300.00		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	134000.00		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	10.10		ug/L
MA014	1523	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	10.10		ug/L
MA014	1523	12/04/92	001	/ /	12/10/92	GW	VBKVI	VOL	METHYLENE CHLORIDE	2.00	DR	ug/L
MA012	1524	12/04/92	001	12/08/92	12/10/92	GW	SBLK96	DMA	BIS(2-ETHYLNEXTYL)PHTHALATE	2.00	J	ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ALUMINUM	216.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ARSENIC	16.30	J	ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	BARIUM	44.20		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	CALCIUM	59900.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	COPPER	9.60		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	IRON	66.90		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MAGNESIUM	12400.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	MANGANESE	71.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	POTASSIUM	12100.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	SODIUM	103000.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	VANADIUM	6.00		ug/L
MA012	1524	12/04/92	001	12/29/92	01/09/93	GW	M10	MET	ZINC	5.00		ug/L
MA012	1524	12/04/92	001	/ /	12/10/92	GW	VBKVI	VOL	METHYLENE CHLORIDE	20.00	DR	ug/L
MA012	1557	03/04/93	001	03/08/93	03/10/93	GW	SBLK41	DMA	BIS(2-ETHYLNEXTYL)PHTHALATE	13.00	DR	ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	ALUMINUM	99.90	DR	ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	ARSENIC	25.90		ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	BARIUM	33.90		ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	CALCIUM	34700.00		ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	COPPER	8.10		ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	IRON	25.00	DR	ug/L
MA012	1557	03/04/93	001	03/09/93	03/11/93	GW	MET01	MET	MAGNESIUM	6540.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA012	1557	03/04/93	001	03/09/93	03/11/93	GM	MET01	MET	MANGANESE	15.50		ug/L
HA012	1557	03/04/93	001	03/09/93	03/11/93	GM	MET01	MET	POTASSIUM	7470.00		ug/L
HA012	1557	03/04/93	001	03/09/93	03/11/93	GM	MET01	MET	SODIUM	73000.00		ug/L
HA012	1557	03/04/93	001	03/09/93	03/11/93	GM	MET01	MET	Vanadium	5.70		ug/L
HA012	1557	03/04/93	001	/ /	03/10/93	GM	VIBLKTPHA03	PHC	TPH BY GAS STD	0.02	J	ug/L
HA012	1557	03/04/93	001	/ /	03/09/93	GM	VBLK06	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L
HA014	1559	03/04/93	001	03/08/93	03/10/93	GM	SBLK41	BNA	819(2-ETHYLNEXYL)PHTHALATE	5.00	BR	ug/L
HA014	1559	03/04/93	001	03/08/93	03/10/93	GM	SBLK41	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L
HA014	1559	03/04/93	001	03/08/93	03/10/93	GM	SBLK41	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	ALUMINUM	75.60	BR	ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	ARSENIC	26.70		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	BARIUM	40.80		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	CALCIUM	59000.00		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	COPPER	14.80		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	MAGNESIUM	11300.00		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	MANGANESE	73.90		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	POTASSIUM	9840.00		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	SODIUM	153000.00		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	Vanadium	7.60		ug/L
HA014	1559	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	ZINC	5.50	BR	ug/L
HA014	1559	03/04/93	001	/ /	03/09/93	GM	VBLK06	VOL	CARBON DISULFIDE	1.00		ug/L
HA014	1559	03/04/93	001	/ /	03/09/93	GM	VBLK06	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
HA013	1560	03/04/93	001	03/08/93	03/10/93	GM	SBLK41	BNA	BUTYLBENZYLPHTHALATE	2.00		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	ALUMINUM	72.50	BR	ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	ARSENIC	23.60		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	BARIUM	43.30		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	CALCIUM	40500.00		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	COPPER	10.50		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	IRON	23.90	BR	ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	MAGNESIUM	7890.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 13

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	MANGANESE	7.00	DR	ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	POTASSIUM	7910.00		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	SODIUM	79100.00		ug/L
HA013	1560	03/04/93	001	03/09/93	03/14/93	GM	MET01	MET	VANADIUM	5.00		ug/L
HA013	1560	03/04/93	001	/ /	03/09/93	GM	VLK06	VOL	CARBON DISULFIDE	14.00		ug/L
HA013	1560	03/04/93	001	/ /	03/09/93	GM	VLK06	VOL	METHYLENE CHLORIDE	4.00	DR	ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	ALUMINUM	11400.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	ARSENIC	10.50	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	BARIUM	97.90	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	CALCIUM	114000.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	CHROMIUM	6.60	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	COBALT	3.90	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	COPPER	25.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	IRON	8580.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	LEAD	3.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	MAGNESIUM	35400.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	MANGANESE	290.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	NICKEL	12.50	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	POTASSIUM	3110.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	SODIUM	2270.00	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	VANADIUM	35.70	J	mg/kg
BH021	1075	12/05/92	004	12/18/92	01/05/93	SO	MD6	NET	ZINC	50.40	J	mg/kg
BH021	1075RE	12/05/92	004	12/21/92	12/22/92	SO	VBK21	PHC	GAS	0.11		mg/kg
BH021	1075	12/05/92	004	/ /	12/17/92	SO	VBK27	VOL	ACETONE	17.00	BR	ug/kg
BH021	1075	12/05/92	004	/ /	12/17/92	SO	VBK27	VOL	CHLOROFORM	4.00	BR	ug/kg
BH021	1075	12/05/92	004	/ /	12/17/92	SO	VBK27	VOL	METHYLENE CHLORIDE	54.00	BR	ug/kg
BH021	1076	12/05/92	006	12/15/92	12/17/92	SO	SBLK38	DMA	BIS(2-ETHYLNETHYL)PHTHALATE	160.00	BR	ug/kg
BH021	1076	12/05/92	006	12/15/92	12/17/92	SO	SBLK38	DMA	D1-N-BUTYLPHTHALATE	150.00	BR	ug/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	ALUMINUM	10200.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	ARSENIC	45.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	BARIUM	98.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	CALCIUM	4730.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	CHROMIUM	15.70	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	COBALT	9.80	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	COPPER	18.50	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	SO	MD6	NET	IRON	19500.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	LEAD	5.60	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	MAGNESIUM	3770.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	MANGANESE	1600.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	NICKEL	24.60	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	POTASSIUM	2990.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	SODIUM	1100.00	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	Vanadium	44.10	J	mg/kg
BH021	1076	12/05/92	006	12/18/92	01/04/93	90	MD6	NET	ZINC	40.40	J	mg/kg
BH021	1076	12/05/92	006	/ /	12/08/92	90	VBKL5	VOL	ACETONE	10.00	BR	ug/kg
BH021	1076	12/05/92	006	/ /	12/08/92	90	VBKL5	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	90	98LK38	BNA	2-METHYLNAPHTHALENE	20000.00		ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	90	98LK38	BNA	ACENAPHTHENE	210.00	J	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	90	98LK38	BNA	819(2-ETHYLNEXYL)PHTHALATE	360.00	BR	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	90	98LK38	BNA	DIBENZOFURAN	210.00	J	ug/kg
BH021	1077	12/05/92	008	12/15/92	12/17/92	90	98LK38	BNA	NAPHTHALENE	11000.00		ug/kg
BH021	1077DL	12/05/92	008	12/15/92	12/19/92	90	98LK38	BNA	2-METHYLNAPHTHALENE	25000.00		ug/kg
BH021	1077DL	12/05/92	008	12/15/92	12/19/92	90	98LK38	BNA	819(2-ETHYLNEXYL)PHTHALATE	560.00	BR	ug/kg
BH021	1077DL	12/05/92	008	12/15/92	12/19/92	90	98LK38	BNA	NAPHTHALENE	14000.00		ug/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	ALUMINUM	9150.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	ARSENIC	24.20	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	BARIUM	100.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	CALCIUM	5350.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	CHROMIUM	15.10	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	COBALT	8.50	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	COPPER	21.20	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	IRON	19100.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	LEAD	4.10	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	MAGNESIUM	3220.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	MANGANESE	571.00	J	mg/kg
BH021	1077	12/05/92	008	12/18/92	01/06/93	90	MD6	NET	NICKEL	10.90	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH021	1077	12/05/92	006	12/18/92	01/06/93	SO	MD6	NET	POTASSIUM	1770.00	J	mg/kg
BH021	1077	12/05/92	006	12/18/92	01/06/93	SO	MD6	NET	SODIUM	846.00	J	mg/kg
BH021	1077	12/05/92	006	12/18/92	01/06/93	SO	MD6	NET	VANADIUM	44.80	J	mg/kg
BH021	1077	12/05/92	006	12/18/92	01/06/93	SO	MD6	NET	ZINC	55.50	J	mg/kg
BH021	1077	12/05/92	006	12/16/92	12/30/92	SO	VBKLG	PHC	GAS	2600.00		mg/kg
BH021	1077	12/05/92	006	/ /	12/06/92	SO	VBKLG	VOL	ACETONE	11.00	BR	ug/kg
BH021	1077	12/05/92	006	/ /	12/06/92	SO	VBKLG	VOL	METHYLENE CHLORIDE	17.00	BR	ug/kg
BH021	1077	12/05/92	006	/ /	12/06/92	SO	VBKLG	VOL	TETRACHLOROETHENE	3.00	J	ug/kg
BH021	1077	12/05/92	006	/ /	12/06/92	SO	VBKLG	VOL	XYLENES (TOTAL)	13.00		ug/kg
BH021	1078	12/05/92	006	12/15/92	12/17/92	SR	SBKLG	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	290.00	BR	ug/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	ALUMINUM	11400.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	ARSENIC	125.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	BARIUM	122.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	CALCIUM	5730.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	CHROMIUM	19.10	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	COBALT	14.10	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	COPPER	31.50	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	IRON	30000.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	LEAD	4.20	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	MAGNESIUM	3550.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	MANGANESE	505.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	NICKEL	23.60	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	POTASSIUM	1520.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	SODIUM	1120.00	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	VANADIUM	66.50	J	mg/kg
BH021	1078	12/05/92	006	12/18/92	12/19/92	SR	MD6	NET	ZINC	60.20	J	mg/kg
BH021	1078	12/05/92	006	12/21/92	12/22/92	SR	VBKLG	PHC	GAS	110.00		mg/kg
BH021	1078	12/05/92	006	/ /	12/11/92	SR	VBKLG	VOL	ACETONE	19.00	BR	ug/kg
BH021	1078	12/05/92	006	/ /	12/11/92	SR	VBKLG	VOL	METHYLENE CHLORIDE	15.00	BR	ug/kg
BH022	1079	12/05/92	004	12/15/92	12/20/92	SO	SBKLG	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	100.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BW022	1079	12/05/92	004	12/15/92	12/20/92	SO	SBLC38	BMA	DI-N-BUTYLPHENYLMALATE	180.00	BR	ug/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	ALUMINUM	27000.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	ARSENIC	50.20	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	BARIUM	148.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	CALCIUM	5490.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	CHROMIUM	18.60	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	COBALT	9.60	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	COPPER	47.70	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	IRON	28800.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	LEAD	9.10	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	MAGNESIUM	10300.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	MANGANESE	1040.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	NICKEL	22.20	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	POTASSIUM	4540.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	SCOLIUM	1250.00	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	VANADIUM	65.10	J	mg/kg
BW022	1079	12/05/92	004	12/18/92	01/04/93	SO	MO6	MET	ZINC	99.30	J	mg/kg
BW022	1079	12/05/92	004	/ /	12/10/92	SO	VBLC02	VOL	ACETONE	18.00	BR	ug/kg
BW022	1079	12/05/92	004	/ /	12/10/92	SO	VBLC02	VOL	CHLOROFORM	2.00	J	ug/kg
BW022	1079	12/05/92	004	/ /	12/10/92	SO	VBLC02	VOL	METHYLENE CHLORIDE	28.00	BR	ug/kg
BW022	1080	12/05/92	006	12/15/92	12/19/92	SO	SBLC38	BMA	BIS(2-ETHYLMETHYL)PHENYLMALATE	290.00	BR	ug/kg
BW022	1080	12/05/92	006	12/15/92	12/19/92	SO	SBLC38	BMA	DI-N-BUTYLPHENYLMALATE	160.00	BR	ug/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	ALUMINUM	12600.00	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	ARSENIC	43.60	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	BARIUM	73.70	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	CALCIUM	4900.00	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	CHROMIUM	16.70	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	COBALT	12.90	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	COPPER	9.90	J	mg/kg
BW022	1080	12/05/92	006	12/18/92	01/04/93	SO	MO6	MET	IRON	21700.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	LEAD	5.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	MAGNESIUM	3380.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	MANGANESE	372.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	NICKEL	21.50	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	POTASSIUM	2160.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	SODIUM	1070.00	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	VANADIUM	50.40	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	01/06/93	SO	M06	NET	ZINC	36.10	J	mg/kg
BH022	1080	12/05/92	006	12/18/92	12/18/92	SO	VLKCLF	PNC	GAS	6.10		mg/kg
BH022	1080	12/05/92	006	/ /	12/08/92	SO	VLKCL5	VOL	ACETONE	10.00	BR	ug/kg
BH022	1080	12/05/92	006	/ /	12/08/92	SO	VLKCL5	VOL	METHYLENE CHLORIDE	21.00	BR	ug/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	ALUMINUM	9270.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	ARSENIC	15.60	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	BARIUM	75.40	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	CALCIUM	5140.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	CHROMIUM	15.40	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	COBALT	6.30	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	COPPER	19.40	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	IRON	21100.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	LEAD	4.50	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	MAGNESIUM	3530.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	MANGANESE	196.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	NICKEL	13.30	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	POTASSIUM	1420.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	SODIUM	908.00	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	VANADIUM	39.60	J	mg/kg
BH022	1081	12/05/92	008	12/18/92	01/04/93	SO	M06	NET	ZINC	45.40	J	mg/kg
BH022	1081DL	12/05/92	008	12/16/92	12/18/92	SO	VLKCL	PNC	GAS	1700.00		mg/kg
BH022	1081	12/05/92	008	/ /	12/11/92	SO	VLKCL6	VOL	ACETONE	16.00	BR	ug/kg
BH022	1081	12/05/92	008	/ /	12/11/92	SO	VLKCL6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BW022	1081	12/05/92	008	/ /	12/11/92	80	VBLL6	VOL	TETRACHLOROETHENE	3.00	J	ug/kg
BW023	1082	12/05/92	004	12/15/92	12/17/92	80	SBLLC08	BNA	BIS(2-ETHYLNETHYL)PHTHALATE	110.00	BR	ug/kg
BW023	1082	12/05/92	004	12/15/92	12/17/92	80	SBLLC08	BNA	DI-N-BUTYLPHTHALATE	88.00	BR	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	ALUMINUM	24900.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	ARSENIC	22.30	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	BARIUM	156.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	CALCIUM	6190.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	CHROMIUM	15.50	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	COBALT	10.30	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	COPPER	29.80	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	IRON	25000.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	LEAD	8.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	MAGNESIUM	13000.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	MANGANESE	620.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	NICKEL	19.70	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	POTASSIUM	4890.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	SODIUM	1520.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	VANADIUM	56.00	J	ug/kg
BW023	1082	12/05/92	004	12/18/92	01/04/93	80	MD6	MET	ZINC	61.60	J	ug/kg
BW023	1082	12/05/92	004	12/21/92	12/21/92	80	VBLLAI	PHC	GAS	0.07	J	ug/kg
BW023	1082	12/05/92	004	/ /	12/11/92	80	VBLLK6	VOL	2-BUTANONE	11.00	J	ug/kg
BW023	1082	12/05/92	004	/ /	12/11/92	80	VBLLK6	VOL	ACETONE	68.00	BR	ug/kg
BW023	1082	12/05/92	004	/ /	12/11/92	80	VBLLK6	VOL	METHYLENE CHLORIDE	25.00	BR	ug/kg
BW023	1083	12/05/92	006	12/15/92	12/17/92	80	SBLLC08	BNA	2-METHYLNAPHTHALENE	2200.00	J	ug/kg
BW023	1083	12/05/92	006	12/15/92	12/17/92	80	SBLLC08	BNA	NAPHTHALENE	920.00	J	ug/kg
BW023	1083	12/05/92	006	12/18/92	01/06/93	80	MD6	MET	ALUMINUM	9330.00	J	ug/kg
BW023	1083	12/05/92	006	12/18/92	01/06/93	80	MD6	MET	ARSENIC	27.30	J	ug/kg
BW023	1083	12/05/92	006	12/18/92	01/06/93	80	MD6	MET	BARIUM	91.80	J	ug/kg
BW023	1083	12/05/92	006	12/18/92	01/06/93	80	MD6	MET	CALCIUM	4620.00	J	ug/kg
BW023	1083	12/05/92	006	12/18/92	01/06/93	80	MD6	MET	CHROMIUM	14.90	J	ug/kg

Table D.1. (con)

04/21/94

SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COBALT	9.20	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COPPER	30.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	IRON	17300.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	LEAD	4.20	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	2770.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MANGANESE	611.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	NICKEL	17.40	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	1980.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	SODIUM	922.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	VANADIUM	40.00	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ZINC	56.10	J	mg/kg
BH023	1083	12/05/92	006	12/18/92	12/18/92	SO	VLKBF	PHC	GAS	330.00		mg/kg
BH023	1083	12/05/92	006	/ /	12/15/92	SO	VLKDY	VOL	METHYLENE CHLORIDE	2200.00	J	ug/kg
BH023	1084	12/05/92	008	12/15/92	12/17/92	SO	SLK388	BMA	2-METHYLNAPHTHALENE	27000.00		ug/kg
BH023	1084	12/05/92	008	12/15/92	12/17/92	SO	SLK388	BMA	BIS(2-ETHYLNEXYL)PHTHALATE	290.00	BR	ug/kg
BH023	1084	12/05/92	008	12/15/92	12/17/92	SO	SLK388	BMA	NAPHTHALENE	14000.00		ug/kg
BH023	1084DL	12/05/92	008	12/15/92	12/17/92	SO	SLK388	BMA	2-METHYLNAPHTHALENE	25000.00		ug/kg
BH023	1084DL	12/05/92	008	12/15/92	12/17/92	SO	SLK388	BMA	NAPHTHALENE	16000.00		ug/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ALUMINUM	9290.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ARSENIC	9.60	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	BARIUM	71.70	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CALCIUM	4900.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CHROMIUM	13.70	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COBALT	5.60	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COPPER	20.30	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	IRON	20400.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	LEAD	4.30	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MAGNESIUM	3090.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MANGANESE	113.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	NICKEL	11.60	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MO6	NET	POTASSIUM	1490.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MO6	NET	SODIUM	781.00	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MO6	NET	VANADIUM	48.10	J	mg/kg
BH023	1084	12/05/92	008	12/18/92	01/04/93	SO	MO6	NET	ZINC	47.80	J	mg/kg
BH023	1084DL	12/05/92	008	12/16/92	12/30/92	SO	VBK3L	PHC	GAS	4808.94		mg/kg
BH023	1084	12/05/92	008	/ /	12/14/92	SO	VBK54	VOL	METHYLENE CHLORIDE	5100.00	J	ug/kg
BH023	1084	12/05/92	008	/ /	12/14/92	SO	VBK54	VOL	XYLENES (TOTAL)	2500.00	J	ug/kg
BH024	1085	12/05/92	004	12/15/92	12/18/92	SO	SBLK388	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	100.00	BR	ug/kg
BH024	1085	12/05/92	004	12/15/92	12/18/92	SO	SBLK388	BNA	DI-N-BUTYLPHTHALATE	68.00	BR	ug/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	ALUMINUM	10100.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	ARSENIC	13.80	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	BARIUM	78.10	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	CALCIUM	56000.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	CHROMIUM	6.20	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	COBALT	3.40	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	COPPER	16.10	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	IRON	8650.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	LEAD	5.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	MAGNESIUM	18500.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	MANGANESE	401.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	POTASSIUM	2300.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	SODIUM	1280.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	VANADIUM	29.00	J	mg/kg
BH024	1085	12/05/92	004	12/18/92	01/06/93	SO	MO6	NET	ZINC	58.50	J	mg/kg
BH024	1085RE	12/05/92	004	12/21/92	12/22/92	SO	VBK1A1	PHC	GAS	91.36		mg/kg
BH024	1085	12/05/92	004	/ /	12/11/92	SO	VBK1L6	VOL	ACETONE	17.00	BR	ug/kg
BH024	1085	12/05/92	004	/ /	12/11/92	SO	VBK1L6	VOL	METHYLENE CHLORIDE	16.00	BR	ug/kg
BH024	1086	12/05/92	006	12/15/92	12/17/92	SO	SBLK388	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	110.00	BR	ug/kg
BH024	1086	12/05/92	006	12/15/92	12/17/92	SO	SBLK388	BNA	DI-N-BUTYLPHTHALATE	100.00	BR	ug/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	MO6	NET	ALUMINUM	10000.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ARSENIC	14.80	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	BARIUM	63.60	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CALCIUM	4300.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	CHROMIUM	17.40	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COBALT	6.50	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	COPPER	16.30	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	IRON	15000.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	LEAD	4.50	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MAGNESIUM	3110.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	MANGANESE	452.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	NICKEL	17.20	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	POTASSIUM	2000.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	SODIUM	686.00	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	VANADIUM	50.90	J	mg/kg
BH024	1086	12/05/92	006	12/18/92	01/06/93	SO	M06	MET	ZINC	36.30	J	mg/kg
BH024	1086	12/05/92	006	/ /	12/11/92	SO	VBKL6	VOL	ACETONE	15.00	BR	ug/kg
BH024	1086	12/05/92	006	/ /	12/11/92	SO	VBKL6	VOL	METHYLENE CHLORIDE	19.00	BR	ug/kg
BH024	1087	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	110.00	BR	ug/kg
BH024	1087	12/05/92	008	12/15/92	12/17/92	SO	SBLK388	BNA	DI-N-BUTYLPHTHALATE	96.00	BR	ug/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ALUMINUM	22500.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ARSENIC	93.60	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	BARIUM	124.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	BERYLLIUM	0.57	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CALCIUM	7190.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	CHROMIUM	23.50	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COBALT	19.10	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	COPPER	33.30	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	IRON	26400.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	LEAD	7.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MAGNESIUM	5440.00	J	mg/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	MANGANESE	164.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	NICKEL	40.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	POTASSIUM	3020.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	SODIUM	1280.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	VANADIUM	101.00	J	mg/kg
BH024	1087	12/05/92	008	12/18/92	01/04/93	SO	M06	MET	ZINC	63.10	J	mg/kg
BH024	1087	12/05/92	008	12/21/92	12/21/92	SO	VLK1A1	PHC	GAS	0.67	J	mg/kg
BH024	1087	12/05/92	008	/ /	12/12/92	SO	VLK07	VOL	ACETONE	22.00	BR	ug/kg
BH024	1087	12/05/92	008	/ /	12/12/92	SO	VLK07	VOL	METHYLENE CHLORIDE	46.00	BR	ug/kg
BH025	1089	12/06/92	006	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLNERYL)PHTHALATE	210.00	J	ug/kg
BH025	1089	12/06/92	006	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	120.00	BR	ug/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	ARSENIC	2.80	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	BARIUM	65.50	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	CALCIUM	5180.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	CHROMIUM	17.40	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	COSALT	5.30	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	COPPER	15.50	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	IRON	20900.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	LEAD	4.70	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	MAGNESIUM	2930.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	MANGANESE	165.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	NICKEL	10.80	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	POTASSIUM	1790.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	SODIUM	1080.00	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	VANADIUM	49.50	J	mg/kg
BH025	1089	12/06/92	006	12/17/92	01/07/93	SO	M07	MET	ZINC	31.40	J	mg/kg
BH025	1089	12/06/92	006	/ /	12/16/92	SO	VLK05	VOL	ACETONE	35.00	BR	ug/kg
BH025	1089	12/06/92	006	/ /	12/16/92	SO	VLK05	VOL	CHLOROFORM	1.00	J	ug/kg
BH025	1089	12/06/92	006	/ /	12/16/92	SO	VLK05	VOL	METHYLENE CHLORIDE	54.00	BR	ug/kg
BH026	1090	12/06/92	008	12/15/92	12/17/92	SO	SBLK36	BNA	BIS(2-ETHYLNERYL)PHTHALATE	100.00	J	ug/kg

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	ANALYZED DATE	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
BH026	1090	12/06/92	008	12/15/92	12/17/92	SO	SBLK36	BNA	DI-N-BUTYLPHTHALATE	69.00	BR	ug/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	ALUMINUM	17900.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	ARSENIC	104.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	BARIUM	128.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	CALCIUM	6810.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	CHROMIUM	22.80	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	COBALT	12.20	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	COPPER	66.60	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	IRON	23200.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	LEAD	2.20	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	MAGNESIUM	3970.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	MANGANESE	122.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	NICKEL	21.20	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	POTASSIUM	1650.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	SODIUM	1450.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	VANADIUM	92.00	J	mg/kg
BH026	1090	12/06/92	008	12/17/92	01/11/93	SO	M07	MET	ZINC	151.00	J	mg/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBKJ5	VOL	ACETONE	68.00	BR	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBKJ5	VOL	CHLOROFORM	2.00	J	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBKJ5	VOL	METHYLENE CHLORIDE	60.00	BR	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBKJ5	VOL	XYLENES (TOTAL)	2.00	J	ug/kg
BH026	1090	12/06/92	008	/ /	12/16/92	SO	VBKJ5	VOL	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
HA015	1516	12/03/92	001	12/07/92	12/09/92	GH	SBLK37	BNA	DI-N-BUTYLPHTHALATE	3.00	BR	ug/L
HA015	1516	12/03/92	001	12/07/92	12/09/92	GH	SBLK37	BNA	METHYLENE CHLORIDE	1.00	BR	ug/L
HA015	1516	12/03/92	001	/ /	12/10/92	GH	VBKXE	VOL	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
HA018	1517	12/03/92	001	12/07/92	12/08/92	GH	SBLK37	BNA	DI-N-BUTYLPHTHALATE	2.00	BR	ug/L
HA018	1517	12/03/92	001	12/07/92	12/08/92	GH	SBLK37	BNA	PENTACHLOROPHENOL	1.00	BR	ug/L
HA018	1517	12/03/92	001	/ /	12/10/92	GH	VBKXE	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
HA018	1554	03/04/93	001	03/08/93	03/10/93	GH	SBLK41	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	5.00	BR	ug/L
HA018	1554	03/04/93	001	03/08/93	03/10/93	GH	SBLK41	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L

Table D.1. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM SITE 14

SAMPLE LOCATION	FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
NA018	1554	03/04/93	001	03/08/93	03/10/93	GM	98LK41	BNA	DI-N-BUTYLPHTHALATE	1.00		ug/L
NA018	1554	03/04/93	001	/ /	03/09/93	GM	VLKG7	VOL	CARBON DISULFIDE	2.00		ug/L
NA018	1554	03/04/93	001	/ /	03/09/93	GM	VLKG7	VOL	METHYLENE CHLORIDE	5.00	BR	ug/L
NA015	1555	03/04/93	001	03/08/93	03/10/93	GM	98LK41	BNA	BIS(2-ETHYLNEXYL)PHTHALATE	2.00	BR	ug/L
NA015	1555	03/04/93	001	03/08/93	03/10/93	GM	98LK41	BNA	BUTYLBENZYLPHTHALATE	1.00		ug/L
NA015	1555	03/04/93	001	/ /	03/09/93	GM	VLKG7	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L

Table D.2. Significant data from ER, FB, TB, and OTHER

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SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1007	11/13/92	001	11/20/92	11/22/92	RI	SBLK95	DMA	DIETHYLPHTHALATE	1.00	J	ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	ALUMINUM	111.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	BARIUM	10.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	CALCIUM	353.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	COPPER	26.70		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	IRON	64.20		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	LEAD	2.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	MANGANESE	15.50	J	ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	SODIUM	412.00		ug/L
1007	11/13/92	001	12/04/92	12/09/92	RI	M02	MET	ZINC	28.20		ug/L
1007	11/13/92	001	/ /	11/19/92	RI	VLKCA	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1106	12/06/92	001	12/09/92	12/10/92	RI	SBLK04	DMA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
1106	12/06/92	001	12/09/92	12/10/92	RI	SBLK04	DMA	DIETHYLPHTHALATE	1.00	J	ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	BARIUM	3.40		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	CALCIUM	204.00		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	COPPER	10.50		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	IRON	427.00		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	MAGNESIUM	52.10		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	MANGANESE	2.90		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	SODIUM	654.00		ug/L
1106	12/06/92	001	12/29/92	01/07/93	RI	M10	MET	ZINC	32.30		ug/L
1106	12/06/92	001	/ /	12/11/92	RI	HAZARAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	ALUMINUM	261.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	BARIUM	3.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	CALCIUM	76.90		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	IRON	117.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	SODIUM	496.00		ug/L
1109	12/06/92	002	12/29/92	01/07/93	RI	M10	MET	ZINC	7.20		ug/L
1109	12/06/92	002	/ /	12/11/92	RI	HAZARAPBLK1	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	ALUMINUM	196.00		ug/L
1110	12/06/92	003	12/29/92	01/07/93	RI	M10	MET	BARIUM	3.20		ug/L

Table D2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1110	12/06/92	003	12/29/92	01/07/93	R1	M10	MET	CALCIUM	80.30		ug/L
1110	12/06/92	003	12/29/92	01/07/93	R1	M10	MET	IRON	440.00		ug/L
1110	12/06/92	003	12/29/92	01/07/93	R1	M10	MET	MANGANESE	2.50		ug/L
1110	12/06/92	003	12/29/92	01/07/93	R1	M10	MET	SODIUM	543.00		ug/L
1110	12/06/92	003	12/29/92	01/07/93	R1	M10	MET	ZINC	8.60		ug/L
1110	12/06/92	003	/ /	12/11/92	R1	HAZURAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1513	12/02/92	001	12/04/92	12/07/92	R1	SBLK31	DMA	D18(2-ETHYLNEXYL)PHTHALATE	1.00	BR	ug/L
1513	12/02/92	001	12/04/92	12/07/92	R1	SBLK31	DMA	D1-N-BUTYLPHTHALATE	1.00	BR	ug/L
1513	12/02/92	001	12/10/92	12/11/92	R1	M09	MET	ALUMINUM	252.00		ug/L
1513	12/02/92	001	12/10/92	12/11/92	R1	M09	MET	BARIUM	3.10		ug/L
1513	12/02/92	001	12/10/92	12/11/92	R1	M09	MET	CALCIUM	71.20		ug/L
1513	12/02/92	001	12/10/92	12/11/92	R1	M09	MET	IRON	91.90	J	ug/L
1513	12/02/92	001	12/10/92	12/11/92	R1	M09	MET	SODIUM	552.00		ug/L
1513	12/02/92	001	12/10/92	12/11/92	R1	M09	MET	ZINC	6.50		ug/L
1513	12/02/92	001	/ /	12/16/92	R1	VLKBA	PHC	GAS	0.01	J	ug/L
1513	12/02/92	001	/ /	12/09/92	R1	VLKVO	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1525	12/04/92	001	12/09/92	12/11/92	R1	SBLK08	DMA	D18(2-ETHYLNEXYL)PHTHALATE	4.00	BR	ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	ALUMINUM	157.00		ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	BARIUM	2.90		ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	CALCIUM	37.10		ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	IRON	50.20		ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	MAGNESIUM	52.80		ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	SODIUM	506.00		ug/L
1525	12/04/92	001	12/29/92	01/07/93	R1	M10	MET	ZINC	4.40		ug/L
1525	12/04/92	001	/ /	12/10/92	R1	VLKVI	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
1536	12/06/92	001	/ /	12/11/92	R1	HAZURAPBLK1	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1543	12/16/92	001	12/17/92	12/19/92	R1	SBLK60	DMA	D18(2-ETHYLNEXYL)PHTHALATE	28.00	J	ug/L
1543	12/16/92	001	12/17/92	12/19/92	R1	SBLK60	DMA	D18(2-ETHYLNEXYL)PHTHALATE	28.00	J	ug/L
1543	12/16/92	001	12/29/92	01/07/93	R1	M10	MET	ALUMINUM	175.00		ug/L
1543	12/16/92	001	12/29/92	01/07/93	R1	M10	MET	BARIUM	2.50		ug/L
1543	12/16/92	001	12/29/92	01/07/93	R1	M10	MET	CALCIUM	29.70		ug/L

Table D.2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1543	12/16/92	001	12/29/92	01/07/93	R1	M10	MET	SODIUM	500.00		ug/L
1543	12/16/92	001	12/29/92	01/07/93	R1	M10	MET	ZINC	6.20		ug/L
1543	12/16/92	001	/ /	12/18/92	R1	HAZARAPBLK	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1558	03/04/93	001	03/08/93	03/10/93	R1	SBLK41	BNA	BIS(2-ETHYLNEXYL)PHTMALATE	9.00	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	R1	MET01	MET	ALUMINUM	77.50	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	R1	MET01	MET	ARSENIC	29.80		ug/L
1558	03/04/93	001	03/09/93	03/11/93	R1	MET01	MET	CALCIUM	105.00	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	R1	MET01	MET	MANGANESE	3.40	BR	ug/L
1558	03/04/93	001	03/09/93	03/11/93	R1	MET01	MET	SODIUM	261.00		ug/L
1558	03/04/93	001	03/09/93	03/11/93	R1	MET01	MET	ZINC	8.10	BR	ug/L
1558	03/04/93	001	/ /	03/08/93	R1	VBLK05	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	R1	SBLK45	BNA	BIS(2-ETHYLNEXYL)PHTMALATE	67.00	J	ug/L
1572	03/05/93	002	03/09/93	03/11/93	R1	SBLK45	BNA	BUTYLBENZYLPHMALATE	2.00	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	R1	MET01	MET	ALUMINUM	84.90	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	R1	MET01	MET	CALCIUM	105.00	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	R1	MET01	MET	IRON	25.90	BR	ug/L
1572	03/05/93	002	03/09/93	03/11/93	R1	MET01	MET	SODIUM	354.00		ug/L
1572	03/05/93	002	/ /	03/12/93	R1	VBLKCA	PHC	TPH BY GAS STD	0.04	BR	ug/L
1572	03/05/93	002	/ /	03/11/93	R1	VBLKGA	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1582	03/06/93	003	03/10/93	03/12/93	R1	SBLK51	BNA	BIS(2-ETHYLNEXYL)PHTMALATE	6.00	BR	ug/L
1582	03/06/93	003	03/10/93	03/12/93	R1	SBLK51	BNA	BUTYLBENZYLPHMALATE	2.00	BR	ug/L
1582	03/06/93	003	03/10/93	03/12/93	R1	SBLK51	BNA	DIETHYLPHMALATE	1.00	J	ug/L
1582	03/06/93	003	/ /	03/12/93	R1	VBLKCA	PHC	TPH BY GAS STD	0.02	BR	ug/L
1582	03/06/93	003	/ /	03/11/93	R1	VBLKMS	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1585	03/07/93	004	03/10/93	03/12/93	R1	SBLK51	BNA	BIS(2-ETHYLNEXYL)PHTMALATE	7.00	BR	ug/L
1585	03/07/93	004	03/10/93	03/12/93	R1	SBLK51	BNA	BUTYLBENZYLPHMALATE	2.00	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	R1	MET02	MET	ALUMINUM	106.00	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	R1	MET02	MET	BARIUM	3.30	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	R1	MET02	MET	CALCIUM	58.90	BR	ug/L
1585	03/07/93	004	03/18/93	03/20/93	R1	MET02	MET	COPPER	5.30		ug/L
1585	03/07/93	004	03/18/93	03/20/93	R1	MET02	MET	IRON	32.80		ug/L

Table D.2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM EQUIPMENT RINSATES

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	MANGANESE	1.20		ug/L
1585	03/07/93	004	03/18/93	03/20/93	RI	MET02	MET	SODIUM	455.00	BR	ug/L
1585	03/07/93	004	/ /	03/11/93	RI	VBLKH5	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1596	03/17/93	001	/ /	03/19/93	RI	VBLKH2	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L

Table D.2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM FIELD BLANKS

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ALUMINUM	266.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	BARIUM	40.10		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	CALCIUM	19700.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	COPPER	320.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	IRON	501.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	LEAD	4.80		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MAGNESIUM	6380.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MANGANESE	9.20	J	ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	POTASSIUM	2940.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	SODIUM	14900.00		ug/L
1005	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ZINC	73.20		ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBKCA	VOL	BROMODICHLOROMETHANE	6.00	J	ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBKCA	VOL	CHLOROFORM	20.00		ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBKCA	VOL	DIBROMOCHLOROMETHANE	1.00	J	ug/L
1005	11/13/92	001	/ /	11/19/92	DI	VBKCA	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1005	11/13/92	001	/ /	11/19/92	DI	SBLK95	BMA	BIS(2-ETHYLNXYL)PHTHALATE	1.00	J	ug/L
1006	11/13/92	001	11/20/92	11/22/92	DI	M02	MET	ALUMINUM	143.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	BARIUM	11.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	CALCIUM	235.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	COPPER	22.60		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	IRON	59.90		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	LEAD	5.20		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MAGNESIUM	53.20		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	MANGANESE	2.50	J	ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	SODIUM	457.00		ug/L
1006	11/13/92	001	12/04/92	12/09/92	DI	M02	MET	ZINC	13.10		ug/L
1006	11/13/92	001	/ /	11/19/92	DI	VBKCA	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1548	03/03/93	001	03/04/93	03/08/93	DI	SBLK27	BMA	BIS(2-ETHYLNXYL)PHTHALATE	2.00	BR	ug/L
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	ALUMINUM	61.90	BR	ug/L
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	ARSENIC	4.00	J	ug/L
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	CALCIUM	89.40	BR	ug/L

Table D.2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM FIELD BLANKS

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1548	03/03/93	001	03/09/93	03/10/93	DI	MET01	MET	SODIUM	568.00		ug/L
1548	03/03/93	001	/ /	03/07/93	DI	VLK08	VOL	CARBON DISULFIDE	2.00		ug/L
1548	03/03/93	001	/ /	03/07/93	DI	VLK08	VOL	METHYLENE CHLORIDE	4.00		ug/L
1556	03/04/93	001	03/08/93	03/10/93	DI	SBLK41	DMA	BIS(2-ETHYLNERYL)PHTHALATE	2.00	DR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	ALUMINUM	134.00	DR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	ARSENIC	11.20		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	BARIUM	33.80		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	CALCIUM	21400.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	COPPER	12.90		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	IRON	51.70	DR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	MAGNESIUM	7160.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	MANGANESE	7.60	DR	ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	POTASSIUM	2790.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	SODIUM	19800.00		ug/L
1556	03/04/93	001	03/09/93	03/11/93	DI	MET01	MET	ZINC	5.10	DR	ug/L
1556	03/04/93	001	/ /	03/10/93	DI	VLKTPH03	PHC	TPH BY GAS STD	0.03	J	ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VLK07	VOL	BROMODICHLOROMETHANE	6.00		ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VLK07	VOL	CHLOROFORM	13.00		ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VLK07	VOL	DIBROMOCHLOROMETHANE	2.00		ug/L
1556	03/04/93	001	/ /	03/09/93	DI	VLK07	VOL	METHYLENE CHLORIDE	5.00	DR	ug/L

Table D2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM TRIP BLANKS

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD BLANK NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1004	08/26/92	001	/ /	11/16/92	DI	VLKSA	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1008	11/13/92	002	/ /	11/19/92	DI	VLKCA	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1034	12/03/92	001	/ /	12/10/92	DI	VLKCE	VOL	ACETONE	11.00	BR	ug/L
1034	12/03/92	001	/ /	12/10/92	DI	VLKCE	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1059	12/04/92	002	/ /	12/10/92	DI	VLKVI	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1088	12/05/92	003	/ /	12/11/92	DI	HAZURAPBLK1	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1111	12/06/92	004	/ /	12/11/92	DI	HAZURAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1120	07/06/92	005	/ /	12/11/92	DI	HAZURAPBLK2	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1121	07/06/92	006	/ /	12/14/92	DI	HAZURAPBLK3	VOL	ACETONE	34.00	J	ug/L
1121	07/06/92	006	/ /	12/14/92	DI	HAZURAPBLK3	VOL	METHYLENE CHLORIDE	7.00	J	ug/L
1506	12/01/92	001	/ /	12/03/92	DI	VLKSH	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1512	12/02/92	002	/ /	12/09/92	DI	VLKVO	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1515	12/03/92	003	/ /	12/10/92	DI	VLKCE	VOL	ACETONE	10.00	BR	ug/L
1515	12/03/92	003	/ /	12/10/92	DI	VLKCE	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1521	12/04/92	004	/ /	12/10/92	DI	VLKVI	VOL	METHYLENE CHLORIDE	6.00	BR	ug/L
1528	12/05/92	005	/ /	12/11/92	DI	HAZURAPBLK1	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1534	12/05/92	006	/ /	12/11/92	DI	HAZURAPBLK1	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1544	12/16/92	001	/ /	03/07/93	DI	HAZURAPBLK	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L
1545	03/03/93	001	/ /	03/07/93	DI	VLKCB	VOL	ACETONE	10.00	J	ug/L
1545	03/03/93	001	/ /	03/07/93	DI	VLKCB	VOL	METHYLENE CHLORIDE	4.00	BR	ug/L
1553	03/04/93	002	/ /	03/08/93	DI	VLKDS	VOL	ACETONE	7.00	J	ug/L
1553	03/04/93	002	/ /	03/08/93	DI	VLKDS	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1565	03/05/93	003	/ /	03/11/93	DI	VLKGA	VOL	METHYLENE CHLORIDE	3.00	BR	ug/L
1575	03/06/93	004	/ /	03/11/93	DI	VLKHS	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1591	03/08/93	005	/ /	03/11/93	DI	VLKIM	VOL	CARBON DISULFIDE	1.00	J	ug/L
1591	03/08/93	005	/ /	03/11/93	DI	VLKIM	VOL	METHYLENE CHLORIDE	20.00	BR	ug/L
1597	03/17/93	006	/ /	03/19/93	DI	VLKID2	VOL	METHYLENE CHLORIDE	1.00	BR	ug/L

Table D-2 (cont.)

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SIGNIFICANT CHEMICAL DATA FROM OTHER

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1542	12/16/92	001	12/17/92	12/19/92	VT	SBLK60	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	BR	ug/L
1542	12/16/92	001	12/17/92	12/19/92	VT	SBLK60	BNA	DI-N-BUTYLPHthalate	2.00	J	ug/L
1542	12/16/92	001	12/17/92	12/19/92	VT	SBLK60	BNA	DIETHYLPHthalate	1.00	J	ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	ALUMINUM	3440.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	ARSENIC	58.50	J	ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	BARIUM	62.60		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	CALCIUM	47000.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	COPPER	16.30		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	IRON	3070.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	MAGNESIUM	11200.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	MANGANESE	244.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	POTASSIUM	10100.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	SODIUM	147000.00		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	VANADIUM	22.40		ug/L
1542	12/16/92	001	12/29/92	01/09/93	VT	M10	MET	ZINC	18.10		ug/L
1542	12/16/92	001	12/30/92	12/30/92	VT	VIBLKTPIHJ01	PHC	GAS	0.05	J	ug/L
1542	12/16/92	001	/ /	12/18/92	VT	HAZURAPBLK	VOL	ACETONE	58.00	BR	ug/L
1542	12/16/92	001	/ /	12/18/92	VT	HAZURAPBLK	VOL	BENZENE	8.00	J	ug/L
1542	12/16/92	001	/ /	12/18/92	VT	HAZURAPBLK	VOL	CHLOROFORM	1.00	J	ug/L
1542	12/16/92	001	/ /	12/18/92	VT	HAZURAPBLK	VOL	METHYLENE CHLORIDE	2.00	BR	ug/L
1592	03/08/93	001	03/11/93	03/13/93	VT	SBLK64	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	5.00	BR	ug/L
1592	03/08/93	001	03/11/93	03/13/93	VT	SBLK64	BNA	DIETHYLPHthalate	1.00	J	ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	ALUMINUM	364.00	J	ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	ARSENIC	40.70		ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	BARIUM	90.40		ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	CALCIUM	59100.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	COPPER	46.60		ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	IRON	361.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	MAGNESIUM	12300.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	VT	MET02	MET	MANGANESE	640.00		ug/L
1592	03/17/93	001	03/18/93	03/22/93	VT	MET02	MET	POTASSIUM	13400.00	J	ug/L

Table D.2. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM OTHER

FIELD NUMBER	SAMPLE DATE	SAMPLE INTERVAL	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	METHOD NUMBER	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	SODIUM	214000.00		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	VANADIUM	9.40		ug/L
1592	03/08/93	001	03/18/93	03/22/93	WT	MET02	MET	ZINC	54.10		ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VIBLKTPH05	PHC	TPH BY GAS STD	0.08	J	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBKHA	VOL	BENZENE	10.00		ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBKHA	VOL	CHLOROFORM	1.00	J	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBKHA	VOL	ETHYLBENZENE	2.00	J	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBKHA	VOL	METHYLENE CHLORIDE	30.00	BR	ug/L
1592	03/08/93	001	/ /	03/11/93	WT	VBKHA	VOL	XYLENES (TOTAL)	3.00	J	ug/L

Table D.3. Significant data from method blanks

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SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SBLK13	1015	12/10/92	12/12/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	120.00	J	ug/kg
SBLK13	1015	12/10/92	12/12/92	S	BNA	DI-N-BUTYL PHTHALATE	160.00	J	ug/kg
SBLK37	1015	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK37	1015	/ /	/ /	S	BNA	DI-N-BUTYL PHTHALATE	130.00	J	ug/kg
SBLK21	1036	12/11/92	12/13/92	S	BNA	DI-N-BUTYL PHTHALATE	87.00	J	ug/kg
SBLK24	1036	12/11/92	12/14/92	S	BNA	DI-N-BUTYL PHTHALATE	64.00	J	ug/kg
SBLK37	1036	/ /	/ /	S	BNA	DI-N-BUTYL PHTHALATE	130.00	J	ug/kg
SBLK37	1036	12/15/92	12/17/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK24	1055	/ /	/ /	S	BNA	DI-N-BUTYL PHTHALATE	64.00	J	ug/kg
SBLK37	1055	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK37	1055	/ /	/ /	S	BNA	DI-N-BUTYL PHTHALATE	130.00	J	ug/kg
SBLK36	1076	12/15/92	12/17/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	130.00	J	ug/kg
SBLK36	1076	12/15/92	12/17/92	S	BNA	DI-N-BUTYL PHTHALATE	120.00	J	ug/kg
SBLK36B	1076	12/15/92	12/17/92	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	130.00	J	ug/kg
SBLK36B	1076	12/15/92	12/17/92	S	BNA	DI-N-BUTYL PHTHALATE	120.00	J	ug/kg
SBLK36	1089	12/15/92	12/17/92	S	BNA	DI-N-BUTYL PHTHALATE	130.00	J	ug/kg
SBLK37	1089	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	160.00	J	ug/kg
SBLK37	1089	/ /	/ /	S	BNA	DI-N-BUTYL PHTHALATE	130.00	J	ug/kg
SBLK01	1089	/ /	/ /	S	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	43.00	J	ug/kg
SBLK60	1108	12/17/92	12/20/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK78	1500	12/03/92	12/07/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	J	ug/L
SBLK78	1500	12/03/92	12/07/92	W	BNA	DI-N-BUTYL PHTHALATE	4.00	J	ug/L
SBLK81	1500	12/04/92	12/07/92	W	BNA	DI-N-BUTYL PHTHALATE	1.00	J	ug/L
SBLK81	1500	12/04/92	12/07/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	J	ug/L
SBLK87	1500	12/07/92	12/09/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	6.00	J	ug/L
SBLK87	1500	12/07/92	12/09/92	W	BNA	DI-N-BUTYL PHTHALATE	2.00	J	ug/L
SBLK87	1500	12/07/92	12/08/92	W	BNA	PENTACHLOROPHENOL	1.00	J	ug/L
SBLK01	1500	12/07/92	12/09/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK01	1500	/ /	/ /	W	BNA	DIETHYL PHTHALATE	1.00	J	ug/L
SBLK86	1520	12/07/92	12/09/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L

Table D3. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
SBLK86	1520	12/07/92	12/09/92	W	BNA	D1-N-BUTYLPHTHALATE	3.00	J	ug/L
SBLK86	1520	/ /	/ /	W	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
SBLK86	1520	/ /	/ /	W	BNA	PENTACHLOROPHENOL	2.00	J	ug/L
SBLK08	1520	12/09/92	12/11/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	J	ug/L
SBLK05	1520	12/08/92	12/12/92	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK27	1545	03/04/93	03/09/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK41	1545	03/08/93	03/10/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	6.00	J	ug/L
SBLK50	1545	03/10/93	03/12/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK50	1545	03/10/93	03/12/93	W	BNA	BUTYLBENZYLPHTHALATE	2.00	J	ug/L
SBLK45	1570	03/09/93	03/11/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	4.00	J	ug/L
SBLK45	1570	03/09/93	03/11/93	W	BNA	BUTYLBENZYLPHTHALATE	2.00	J	ug/L
SBLK45	1570	03/09/93	03/11/93	W	BNA	DIETHYLPHTHALATE	1.00	J	ug/L
SBLK51	1570	03/10/93	03/12/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	2.00	J	ug/L
SBLK51	1570	03/10/93	03/12/93	W	BNA	BUTYLBENZYLPHTHALATE	2.00	J	ug/L
SBLK63	1570	03/11/93	03/13/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	1.00	J	ug/L
SBLK64	1590	03/11/93	03/13/93	W	BNA	BIS(2-ETHYLHEXYL)PHTHALATE	3.00	J	ug/L
M01	1000	12/03/92	12/05/92	S	MET	ALUMINUM	52.91		mg/kg
M01	1000	12/03/92	12/05/92	S	MET	BARIUM	1.17		mg/kg
M01	1000	12/03/92	12/05/92	S	MET	IRON	30.22		mg/kg
M01	1000	12/03/92	12/05/92	S	MET	SODIUM	98.63		mg/kg
M02	1004	12/04/92	12/09/92	W	MET	ALUMINUM	103.79		ug/L
M02	1004	12/04/92	12/09/92	W	MET	LEAD	2.35		ug/L
M03	1015	12/11/92	12/15/92	S	MET	ALUMINUM	50.36		mg/kg
M03	1015	12/11/92	12/15/92	S	MET	BARIUM	0.69		mg/kg
M03	1015	12/11/92	12/15/92	S	MET	IRON	23.29		mg/kg
M03	1015	12/11/92	12/15/92	S	MET	SODIUM	58.92		mg/kg
M04	1036	12/12/92	12/15/92	S	MET	ALUMINUM	32.57		mg/kg
M04	1036	12/12/92	12/15/92	S	MET	SODIUM	66.81		mg/kg
M04	1036	12/12/92	12/15/92	S	MET	ZINC	1.49		mg/kg
M05	1055	12/16/92	12/23/92	S	MET	ALUMINUM	31.07		mg/kg

Table D.3. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
M06	1076	12/18/92	01/05/93	S	NET	ALUMINUM	38.53		mg/kg
M06	1076	12/18/92	01/06/93	S	NET	BARIUM	0.62		mg/kg
M06	1076	12/18/92	01/06/93	S	NET	SODIUM	55.18		mg/kg
M07	1089	12/17/92	01/11/93	S	NET	ALUMINUM	39.90		mg/kg
M07	1089	12/17/92	01/07/93	S	NET	BARIUM	0.65		mg/kg
M07	1089	12/17/92	01/07/93	S	NET	SODIUM	69.56		mg/kg
M08	1105	12/23/92	01/09/93	S	NET	ALUMINUM	25.55		mg/kg
M08	1105	12/23/92	01/09/93	S	NET	SODIUM	58.54		mg/kg
M09	1500	12/10/92	12/11/92	W	NET	ALUMINUM	128.12		ug/L
M09	1500	12/10/92	12/11/92	W	NET	IRON	99.88		ug/L
M09	1500	12/10/92	12/11/92	W	NET	SODIUM	226.99		ug/L
M09	1500	12/10/92	12/11/92	W	NET	ZINC	4.07		ug/L
M10	1520	/ /	/ /	W	NET	ALUMINUM	134.20		ug/L
M10	1520	/ /	/ /	W	NET	BARIUM	2.61		ug/L
M10	1520	/ /	/ /	W	NET	CALCIUM	27.50		ug/L
M10	1520	/ /	/ /	W	NET	IRON	41.82		ug/L
M10	1520	/ /	/ /	W	NET	SODIUM	322.24		ug/L
M10	1520	/ /	/ /	W	NET	ZINC	3.40		ug/L
MET01	1545	03/09/93	03/10/93	W	NET	ALUMINUM	64.42		ug/L
MET01	1545	03/09/93	03/10/93	W	NET	CALCIUM	422.78		ug/L
MET01	1545	03/09/93	03/10/93	W	NET	IRON	25.87		ug/L
MET01	1545	03/09/93	03/10/93	W	NET	MAGNESIUM	101.65		ug/L
MET01	1545	03/09/93	03/10/93	W	NET	MANGANESE	1.63		ug/L
MET01	1545	03/09/93	03/23/93	W	NET	ZINC	6.42		ug/L
MET02	1570	03/18/93	03/21/93	W	NET	ALUMINUM	58.05		ug/L
MET02	1570DL	03/18/93	03/20/93	W	NET	ALUMINUM	58.05		ug/L
MET02	1570	03/18/93	03/21/93	W	NET	BARIUM	2.54		ug/L
MET02	1570DL	03/18/93	03/20/93	W	NET	BARIUM	2.54		ug/L
MET02	1570	03/18/93	03/21/93	W	NET	CALCIUM	23.07		ug/L
MET02	1570DL	03/18/93	03/20/93	W	NET	CALCIUM	23.07		ug/L

Table D.3. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
MET02	1570	03/18/93	03/21/93	W	MET	SODIUM	344.41	B	ug/L
MET02	1570DL	03/18/93	03/20/93	W	MET	SODIUM	344.41	B	ug/L
VBLK88	1015	/ /	/ /	S	PHC	GAS	0.01	J	mg/kg
VBLK80	1036	12/17/92	12/18/92	S	PHC	GAS	0.01	J	mg/kg
VBLK86	1055	12/18/92	12/18/92	S	PHC	GAS	0.04	J	mg/kg
VBLK4J	1089	12/21/92	12/21/92	S	PHC	GAS	0.01	J	mg/kg
VIBLKTTPHP409	1500	12/14/92	12/14/92	W	PHC	GAS	0.01	J	mg/L
VIBLKTTPHP409	1500DL	12/14/92	12/14/92	W	PHC	GAS	0.01	J	mg/L
VIBLKTTPHP410	1500	/ /	/ /	W	PHC	GAS	0.03	J	mg/L
VIBLKTTPHP409	1520	/ /	/ /	W	PHC	GAS	0.01	J	mg/L
VIBLKTTPHP409	1520	/ /	/ /	W	PHC	GAS	0.01	J	mg/L
VIBLKTTPHP410	1520	12/14/92	12/14/92	W	PHC	GAS	0.03	J	mg/L
VIBLKTTPHP410	1538	/ /	/ /	W	PHC	GAS	0.03	J	mg/L
VBLKCA	1561	/ /	03/12/93	W	PHC	TPH BY GAS STD	0.05	J	mg/L
VBLKGB	1000	/ /	11/17/92	S	VOL	ACETONE	14.00		ug/kg
VBLKGB	1000RE	/ /	11/20/92	S	VOL	ACETONE	14.00		ug/kg
VBLKGB	1000	/ /	11/17/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLKGB	1000RE	/ /	11/20/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLK03	1000	/ /	/ /	S	VOL	METHYLENE CHLORIDE	41.00		ug/kg
VBLK03	1000	/ /	/ /	S	VOL	ACETONE	19.00		ug/kg
VBLKS9	1000	/ /	11/17/92	S	VOL	ACETONE	32.00		ug/kg
VBLKS9	1000RE	/ /	11/20/92	S	VOL	ACETONE	32.00		ug/kg
VBLKS9	1000	/ /	11/17/92	S	VOL	METHYLENE CHLORIDE	27.00		ug/kg
VBLKS9	1000RE	/ /	11/20/92	S	VOL	METHYLENE CHLORIDE	27.00		ug/kg
VBLKSA	1004	/ /	11/16/92	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
VBLKCA	1004	/ /	11/19/92	W	VOL	METHYLENE CHLORIDE	3.00	J	ug/L
VBLKJ9	1015	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLKJ9	1015	/ /	12/08/92	S	VOL	ACETONE	12.00		ug/kg
VBLKJ9	1015	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLKCS	1015	/ /	/ /	S	VOL	2-HEXANONE	3.00	J	ug/kg

Table D3. (cont.)

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SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
VBLK13	1015	/ /	/ /	S	VOL	4-METHYL-2-PENTANONE	2.00	J	ug/kg
VBLK13	1015	/ /	12/09/92	S	VOL	ACETONE	25.00		ug/kg
VBLK13	1015	/ /	12/09/92	S	VOL	METHYLENE CHLORIDE	21.00		ug/kg
VBLK12	1015	/ /	12/10/92	S	VOL	METHYLENE CHLORIDE	39.00		ug/kg
VBLK12	1015	/ /	/ /	S	VOL	2-HEXANONE	1.00	J	ug/kg
VBLK12	1015	/ /	12/10/92	S	VOL	ACETONE	39.00		ug/kg
VBLK13	1036	/ /	/ /	S	VOL	1,1,1-TRICHLOROETHANE	1.00	J	ug/kg
VBLK13	1036	/ /	/ /	S	VOL	METHYLENE CHLORIDE	10.00		ug/kg
VBLK16	1036	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	35.00		ug/kg
VBLK16	1036	/ /	12/08/92	S	VOL	ACETONE	15.00		ug/kg
VBLK12	1036	/ /	/ /	S	VOL	ACETONE	39.00		ug/kg
VBLK12	1036	/ /	/ /	S	VOL	2-HEXANONE	1.00	J	ug/kg
VBLK12	1036	/ /	/ /	S	VOL	METHYLENE CHLORIDE	38.00		ug/kg
VBLK12	1036	/ /	/ /	S	VOL	METHYLENE CHLORIDE	130.00	J	ug/kg
VBLK11	1036	/ /	12/10/92	S	VOL	2-HEXANONE	3.00	J	ug/kg
VBLK13	1055	/ /	/ /	S	VOL	4-METHYL-2-PENTANONE	2.00	J	ug/kg
VBLK13	1055	/ /	/ /	S	VOL	ACETONE	25.00		ug/kg
VBLK13	1055	/ /	/ /	S	VOL	METHYLENE CHLORIDE	21.00		ug/kg
VBLK13	1055	/ /	/ /	S	VOL	2-BUTANONE	4.00	J	ug/kg
VBLK14	1055	/ /	/ /	S	VOL	2-HEXANONE	2.00	J	ug/kg
VBLK14	1055	/ /	/ /	S	VOL	ACETONE	22.00		ug/kg
VBLK14	1055	/ /	12/11/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLK14	1055	/ /	12/11/92	S	VOL	METHYLENE CHLORIDE	240.00	J	ug/kg
VBLK18	1055	/ /	12/15/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLK16	1055	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	29.00		ug/kg
VBLK16	1055	/ /	12/16/92	S	VOL	ACETONE	2.00	J	ug/kg
VBLK16	1055	/ /	12/16/92	S	VOL	CHLOROFORM	21.00		ug/kg
VBLK17	1055	/ /	12/17/92	S	VOL	ACETONE	1.00	J	ug/kg
VBLK17	1055	/ /	12/17/92	S	VOL	CHLOROFORM	28.00		ug/kg
VBLK17	1055	/ /	12/17/92	S	VOL	METHYLENE CHLORIDE	15.00		ug/kg
VBLK15	1076	/ /	12/08/92	S	VOL	ACETONE			

Table D.3. (cont.)

04/21/94

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SDG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
VBLK15	1076	/ /	12/08/92	S	VOL	METHYLENE CHLORIDE	21.00		ug/kg
VBLK12	1076	/ /	/ /	S	VOL	ACETONE	39.00		ug/kg
VBLK12	1076	/ /	/ /	S	VOL	METHYLENE CHLORIDE	38.00		ug/kg
VBLK16	1076	/ /	12/11/92	S	VOL	ACETONE	14.00		ug/kg
VBLK16	1076	/ /	12/11/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLK17	1076	/ /	12/12/92	S	VOL	METHYLENE CHLORIDE	19.00		ug/kg
VBLK17	1076	/ /	12/12/92	S	VOL	ACETONE	12.00		ug/kg
VBLK34	1076	/ /	12/14/92	S	VOL	METHYLENE CHLORIDE	210.00	J	ug/kg
VBLK17	1076	/ /	12/15/92	S	VOL	METHYLENE CHLORIDE	160.00	J	ug/kg
VBLK19	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	17.00		ug/kg
VBLK15	1089	/ /	12/16/92	S	VOL	ACETONE	16.00		ug/kg
VBLK15	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	43.00		ug/kg
VBLK13	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	530.00	J	ug/kg
VBLK17	1089	/ /	12/16/92	S	VOL	METHYLENE CHLORIDE	25.00		ug/kg
VBLK15	1089	/ /	12/17/92	S	VOL	METHYLENE CHLORIDE	240.00	J	ug/kg
VBLK19	1089	/ /	12/17/92	S	VOL	METHYLENE CHLORIDE	36.00		ug/kg
VBLK19	1089	/ /	12/17/92	S	VOL	ACETONE	18.00		ug/kg
VBLK19	1089	/ /	12/17/92	S	VOL	CHLOROFORM	2.00	J	ug/kg
HAZRAPBLK1	1108	/ /	/ /	U	VOL	ACETONE	8.00	J	ug/L
HAZRAPBLK1	1108	/ /	12/11/92	U	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
HAZRAPBLK2	1108	/ /	12/11/92	U	VOL	METHYLENE CHLORIDE	3.00	J	ug/L
HAZRAPBLK	1108	/ /	/ /	U	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
HAZRAPBLK	1108	/ /	12/18/92	U	VOL	ACETONE	14.00		ug/L
VBLK12	1108	/ /	12/20/92	U	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLK19	1500	/ /	12/03/92	U	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLK19	1500	/ /	12/07/92	U	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLK19	1500	/ /	12/09/92	U	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLK19	1500	/ /	12/10/92	U	VOL	METHYLENE CHLORIDE	3.00	J	ug/L
VBLK19	1500	/ /	12/10/92	U	VOL	ACETONE	15.00		ug/L
VBLK19	1520	/ /	12/10/92	U	VOL	METHYLENE CHLORIDE	4.00	J	ug/L

Table D.3. (cont.)

04/21/94

SIGNIFICANT CHEMICAL DATA FROM METHOD BLANKS

METHOD BLANK NUMBER	SOG	SAMPLE PREP DATE	DATE ANALYZED	SAMPLE MATRIX	ANALYTICAL METHOD	ANALYTE	RESULT	CODE	UNITS
VBLKVI	1520	/ /	12/10/92	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
HAZARAPBLKL	1520	/ /	12/11/92	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
HAZARAPBLKL	1520	/ /	12/11/92	W	VOL	ETHYLBENZENE	1.00	J	ug/L
HAZARAPBLK	1520	/ /	12/12/92	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLKD5	1545	/ /	03/08/93	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKG6	1545	/ /	03/09/93	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L
VBLKG7	1545	/ /	03/09/93	W	VOL	METHYLENE CHLORIDE	5.00	J	ug/L
VBLKG4	1545	/ /	/ /	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKG4	1570	/ /	03/11/93	W	VOL	METHYLENE CHLORIDE	1.00	J	ug/L
VBLKH5	1570	/ /	03/11/93	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
VBLKH4	1590	/ /	03/11/93	W	VOL	METHYLENE CHLORIDE	4.00	J	ug/L
VBLKH2	1590	/ /	03/19/93	W	VOL	METHYLENE CHLORIDE	2.00	J	ug/L

Table D.1. Target compounds, methods, and detection limits

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
PETROLEUM HYDROCARBONS	LUFT (8015 Modified California Method)		1 mg/L	1 mg/k
VOLATILE ORGANICS				
Chloromethane	CLP	CLP	10 µg/L	10 µg/kg
Bromomethane	CLP	CLP	10 µg/L	10 µg/kg
Vinyl chloride	CLP	CLP	10 µg/L	10 µg/kg
Chloroethane	CLP	CLP	10 µg/L	10 µg/kg
Methylene chloride	CLP	CLP	5 µg/L	5 µg/kg
Acetone	CLP	CLP	10 µg/L	10 µg/kg
Carbon disulfide	CLP	CLP	5 µg/L	5 µg/kg
1,1-Dichloroethene	CLP	CLP	5 µg/L	5 µg/kg
1,1-Dichloroethane	CLP	CLP	5 µg/L	5 µg/kg
1,2-Dichloroethene (total)	CLP	CLP	5 µg/L	5 µg/kg
Chloroform	CLP	CLP	5 µg/L	5 µg/kg
1,2-Dichloroethane	CLP	CLP	5 µg/L	5 µg/kg
2-Butanone	CLP	CLP	10 µg/L	10 µg/kg
1,1,1-Trichloroethane	CLP	CLP	5 µg/L	5 µg/kg
Carbon tetrachloride	CLP	CLP	5 µg/L	5 µg/kg
Vinyl acetate	CLP	CLP	10 µg/L	10 µg/kg
Bromodichloromethane	CLP	CLP	5 µg/L	5 µg/kg
1,2-Dichloropropane	CLP	CLP	5 µg/L	5 µg/kg
cis-1,3-Dichloropropene	CLP	CLP	5 µg/L	5 µg/kg
Trichloroethene	CLP	CLP	5 µg/L	5 µg/kg
Dibromochloromethane	CLP	CLP	5 µg/L	5 µg/kg
1,1,2-Trichloroethane	CLP	CLP	5 µg/L	5 µg/kg
Benzene	CLP	CLP	5 µg/L	5 µg/kg

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Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
<i>trans</i> -1,3-Dichloropropene	CLP	CLP	5 µg/L	5 µg/kg
2-Chloroethylvinyl ether	CLP	CLP	10 µg/L	10 µg/kg
Bromoform	CLP	CLP	5 µg/L	5 µg/kg
4-Methyl-2-pentanone	CLP	CLP	10 µg/L	10 µg/kg
2-Hexanone	CLP	CLP	10 µg/L	10 µg/kg
Tetrachloroethene	CLP	CLP	5 µg/L	5 µg/kg
1,1,2,2-Tetrachloroethane	CLP	CLP	5 µg/L	5 µg/kg
Toluene	CLP	CLP	5 µg/L	5 µg/kg
Chlorobenzene	CLP	CLP	5 µg/L	5 µg/kg
Ethylbenzene	CLP	CLP	5 µg/L	5 µg/kg
Styrene	CLP	CLP	5 µg/L	5 µg/kg
Total xylenes	CLP	CLP	5 µg/L	5 µg/kg
BASE NEUTRAL/ACID EXTRACTABLE ORGANICS				
Phenol	CLP	CLP	10 µg/L	330 µg/kg
<i>bis</i> (2-chloroethyl)ether	CLP	CLP	10 µg/L	330 µg/kg
2-Chlorophenol	CLP	CLP	10 µg/L	330 µg/kg
1,3-Dichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
1,4-Dichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
Benzyl alcohol	CLP	CLP	10 µg/L	330 µg/kg
1,2-Dichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
2-Methylphenol	CLP	CLP	10 µg/L	330 µg/kg
<i>bis</i> (2-chloroisopropyl)ether	CLP	CLP	10 µg/L	330 µg/kg
4-Methylphenol	CLP	CLP	10 µg/L	330 µg/kg
<i>n</i> -Nitroso-di- <i>n</i> -propylamine	CLP	CLP	10 µg/L	330 µg/kg
Hexachloroethane	CLP	CLP	10 µg/L	330 µg/kg
Nitrobenzene	CLP	CLP	10 µg/L	330 µg/kg
Isophorone	CLP	CLP	10 µg/L	330 µg/kg

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Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
2-Nitrophenol	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dimethylphenol	CLP	CLP	10 µg/L	330 µg/kg
Benzoic acid	CLP	CLP	10 µg/L	1600 µg/kg
bis(2-chloroethoxy)methane	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dichlorophenol	CLP	CLP	10 µg/L	330 µg/kg
1,2,4-Trichlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
Naphthalene	CLP	CLP	10 µg/L	330 µg/kg
4-Chloroaniline	CLP	CLP	10 µg/L	330 µg/kg
Hexachlorobutadiene	CLP	CLP	10 µg/L	330 µg/kg
4-Chloro-3-methylphenol	CLP	CLP	10 µg/L	330 µg/kg
2-Methylnaphthalene	CLP	CLP	10 µg/L	330 µg/kg
Hexachlorocyclopentadiene	CLP	CLP	10 µg/L	330 µg/kg
2,4,6-Trichlorophenol	CLP	CLP	10 µg/L	330 µg/kg
2,4,5-Trichlorophenol	CLP	CLP	50 µg/L	1600 µg/kg
2-Chloronaphthalene	CLP	CLP	10 µg/L	330 µg/kg
2-Nitroaniline	CLP	CLP	50 µg/L	1600 µg/kg
Dimethylphthalate	CLP	CLP	10 µg/L	330 µg/kg
3-Nitroaniline	CLP	CLP	50 µg/L	1600 µg/kg
Acenaphthene	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dinitrophenol	CLP	CLP	50 µg/L	1600 µg/kg
4-Nitrophenol	CLP	CLP	50 µg/L	1600 µg/kg
Dibenzofuran	CLP	CLP	10 µg/L	330 µg/kg
2,4-Dinitrotoluene	CLP	CLP	10 µg/L	330 µg/kg
2,6-dinitrotoluene	CLP	CLP	10 µg/L	330 µg/kg
Diethylphthalate	CLP	CLP	10 µg/L	330 µg/kg
4-Chlorophenyl-phenylether	CLP	CLP	10 µg/L	330 µg/kg
Fluorene	CLP	CLP	10 µg/L	330 µg/kg

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Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
4-Nitroaniline	CLP	CLP	50 µg/L	1600 µg/kg
4,6-Dinitro-2-methylphenol	CLP	CLP	50 µg/L	1600 µg/kg
n-Nitrosodiphenylamine	CLP	CLP	10 µg/L	330 µg/kg
4-Bromophenyl-phenylether	CLP	CLP	10 µg/L	330 µg/kg
Hexachlorobenzene	CLP	CLP	10 µg/L	330 µg/kg
Pentachlorophenol	CLP	CLP	50 µg/L	1600 µg/kg
Phenanthrene	CLP	CLP	10 µg/L	330 µg/kg
Anthracene	CLP	CLP	10 µg/L	330 µg/kg
di-n-Butylphthalate	CLP	CLP	10 µg/L	330 µg/kg
Fluoranthene	CLP	CLP	10 µg/L	330 µg/kg
Pyrene	CLP	CLP	10 µg/L	330 µg/kg
Butylbenzylphthalate	CLP	CLP	10 µg/L	330 µg/kg
3,3-Dichlorobenzidine	CLP	CLP	20 µg/L	660 µg/kg
Benzo(a)anthracene	CLP	CLP	10 µg/L	330 µg/kg
bis(2-ethylhexyl)phthalate	CLP	CLP	10 µg/L	330 µg/kg
Chrysene	CLP	CLP	10 µg/L	330 µg/kg
di-n-Octylphthalate	CLP	CLP	10 µg/L	330 µg/kg
Benzo(b)fluoranthene	CLP	CLP	10 µg/L	330 µg/kg
Benzo(k)fluoranthene	CLP	CLP	10 µg/L	330 µg/kg
Benzo(a)pyrene	CLP	CLP	10 µg/L	330 µg/kg
Indeno(1,2,3-cd)pyrene	CLP	CLP	10 µg/L	330 µg/kg
Dibenz(a,h)anthracene	CLP	CLP	10 µg/L	330 µg/kg
Benzo(g,h,i)perylene	CLP	CLP	10 µg/L	330 µg/kg
PRIORITY POLLUTANT METALS				
Aluminum	CLP	CLP	0.04 mg/L	8 mg/kg
Antimony	CLP	CLP	0.03 mg/L	6 mg/kg
Barium	CLP	CLP	0.002 mg/L	0.4 mg/kg

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Table D-4. (continued)

Analyte	Method		Detection Limit	
	Water	Soil	Water	Soil
Beryllium	CLP	CLP	0.001 mg/L	0.2 mg/kg
Cadmium	CLP	CLP	0.005 mg/L	1.0 mg/kg
Chromium	CLP	CLP	0.01 mg/L	2.0 mg/kg
Cobalt	CLP	CLP	0.05 mg/L	4.0 mg/kg
Copper	CLP	CLP	0.01 mg/L	2.0 mg/kg
Nickel	CLP	CLP	0.01 mg/L	10 mg/kg
Silver	CLP	CLP	0.005 mg/L	1.0 mg/kg
Zinc	CLP	CLP	0.005 mg/L	1.0 mg/kg
Arsenic	CLP	CLP	0.002 mg/L	0.4 mg/kg
Lead	CLP	CLP	0.002 mg/L	0.4 mg/kg
Vanadium	CLP	CLP	0.01 mg/L	2.0 mg/kg
Selenium	CLP	CLP	0.002 mg/L	0.4 mg/kg
Mercury	CLP	CLP	0.0002 mg/L	0.2 mg/kg
Thallium	CLP	CLP	0.002 mg/L	0.4 mg/kg
Calcium	CLP	CLP	5.0 mg/L	1000 mg/kg
Iron	CLP	CLP	0.1 mg/L	20 mg/kg
Magnesium	CLP	CLP	5.0 mg/L	1000 mg/kg
Manganese	CLP	CLP	0.015 mg/L	3 mg/kg
Potassium	CLP	CLP	5.0 mg/L	1000 mg/kg
Sodium	CLP	CLP	5.0 mg/L	1000 mg/kg

APPENDIX E

QUALITY CONTROL SUMMARY

APPENDIX E

QUALITY CONTROL SUMMARY

1. DISCUSSION

Environmental sampling and laboratory analyses were performed according to a quality control/quality assurance (QA/QC) plan which was approved before the start of field activities. This report presents a summary and assessment of the field and laboratory QC samples generated throughout the investigation. All laboratory data were validated at Level C, as defined in *Requirements for Quality Control of Analytical Data* (HAZWRAF 1990). The precision, accuracy, representativeness, and completeness have been evaluated to determine if the objectives of the investigation were met.

2. QUALITY ASSURANCE OBJECTIVES

2.1 Precision

Precision refers to the degree of agreement between duplicate measurements of a single analyte. Analytical precision is expressed as the relative percent difference (RPD) between analytical results of samples collected in duplicate in the field or given in a matrix spike in the laboratory, then analyzed as a duplicate. RPD is calculated as:

$$RPD = \frac{C_1 - C_2}{\left(\frac{C_1 + C_2}{2} \right)} \times 100$$

where

C_1 = concentration of the analyte in the sample or matrix-spiked sample;

C_2 = concentration of the analyte in the duplicate or matrix-spike duplicate.

Results of duplicate analyses are shown in Tables E.5 and E.6. In the absence of criteria for establishing precision from duplicate samples collected in the field, the analytical precision was evaluated from the RPDs between matrix spike (MS) and matrix spike duplicate (MSD) recoveries. Approximately 90% of all RPDs were within the advisory limits given in *National Functional Guidelines for Organic Data Review* (EPA 1990a). This meets the QA objective established in the sampling and analysis plan of no more than 20% of RPDs outside of advisory limits.

2.2 Accuracy

Accuracy refers to the degree of difference between measured or calculated values and the true value. Analytical accuracy is expressed as the percent recovery of an analyte, which has been added to an environmental sample as a known concentration before analysis; specifically, the percent recovery of MSs, MSDs, and surrogate spikes. The equation used to calculate percent recovery is:

$$\text{percent recovery} = \frac{A_r - A_o}{A_f} \times 100$$

where

A_t = total amount of analyte found in spiked sample;

A_u = amount found in unspiked sample;

A_f = amount added to sample.

Surrogate spikes outside of advisory limits are shown in Table E.3; results of MS and MSD recoveries for organics are shown in Table E.6, and Table E.7 lists spike recoveries outside of control limits for metals. The QA objective for accuracy was 10%, i.e., no more than 10% of spike recoveries should be outside of advisory limits. Table E.8 shows the total percentages of analyses which failed acceptance criteria. All analyses met the objective for accuracy except metals, which had 26% of the spike recoveries outside of limits. However, when the metals spike recoveries were compared to the guidelines in *Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (EPA 1988), only seven (3.3%) of the spike recoveries were flagged as "unusable"; the remaining recoveries outside of Contract Laboratory Program (CLP) limits were flagged as "estimated" quantities.

2.3 Representativeness

Representativeness of analytical data is the degree to which the data represent the actual environmental conditions at a sampling location. The effort to maximize this objective was accomplished by the following methods:

- choosing sample locations that fully represented the sites of investigation,
- using appropriate sampling procedures and equipment,
- using appropriate analytical methods,
- collecting equipment rinsate blanks, field blanks, and trip blanks,
- proper handling, storage and shipment of samples from collection to analysis, and
- analyzing samples within holding times.

E-4

Table E.4 lists the samples that exceeded allowable holding times. All volatiles and metals samples were analyzed within holding times; one semivolatile soil sample (1106) was extracted 4 days past the allowable holding time. This sample was collected as a field duplicate, and a comparison of the analytical results to those of the original sample (analyzed within the holding time limit) showed close agreement (Table E.5). Eleven soil samples for analysis of petroleum hydrocarbons were extracted from two to four days past the allowable holding time; four were reruns of the original samples. The analytical results of these 11 samples have been flagged as "estimated" quantities. All contained petroleum hydrocarbons as gasoline, with analytical values ranging from 0.3 mg/kg to 2500 mg/kg.

2.4 Completeness

Completeness is expressed as a percentage of valid data from the entire set of analyses for the project. For data to be considered valid, it must meet all the acceptance criteria for precision, accuracy, and any other criteria specified by the analytical method used. The QA objective for this category was 90%. The equation used to calculate percent completeness is:

$$\text{Completeness} = DP_v = \frac{DP_t - DP_i}{DP_t} \times 100$$

where

DP_v = valid data points,

DP_i = invalid data points (sum of percent recovery and RPD values outside laboratory control limits, and number of analytes in all samples affected by method blank contamination),

DP_i = total number of QC data points. Each volatile analysis has 33 data points, each semivolatile analysis has 64 data points, each petroleum hydrocarbons analysis has 2 data points, and each metals analysis has 23 data points.

Table E.9 is a work sheet showing the calculations used to evaluate completeness. According to these calculations the data points are 96% valid, and the QA objective was met.

3. GROUNDWATER SCREENING METHOD

After the seven sites of investigation had been located from historical data and aerial photographs, contamination boundaries at the sites were defined using the groundwater screening method (GSM). This consisted of driving hollow rods into the ground through the surface of the water table, then collecting groundwater samples from a small, stainless steel bailer. The bailer was filled as close to the top of the water table as possible. Approximately 20 mL of groundwater was decanted into a 40-mL septum vial for head-space analysis by gas chromatography. Representativeness of the GSM was effected by using approved procedures for sample collection, analysis, and equipment decontamination. Completeness for the GSM consisted of establishing a rectangular grid over the site, then sampling outward from the grid parameter until no more contamination was detected. Grid points inside the perimeter were sampled until the areal configuration of the contamination was established. Precision and accuracy of the groundwater analyses were not estimated due to the fact that the contaminants detected appeared to be weathered fuel hydrocarbons, and quantitation of multiple unknown peaks could not be achieved using the GSM. A syringe blank of ambient air was analyzed before each sample to demonstrate that no contaminants were in the syringe.

4. ANALYTICAL METHODS

Table E.10 lists the analytical methods used throughout the sampling program. Volatiles, semivolatiles, and metals analyses followed the methods described in *USEPA Contract Laboratory Program Statement of Work for Organics Analysis* (EPA 1990b) and *USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis* (EPA 1990c). Petroleum hydrocarbons were analyzed according to a modified method described in the *Leaking Underground Fuel Tank Field Manual* (LUFT 1987), with jet fuel (JP-4) and gasoline standards. Method detection limits for target compounds and analytes are listed in Table D.4 of Appendix D.

5. BLANK CONTAMINATION

5.1 Method Blanks

Method blank contamination (Table E.2, and Appendix D, Table D-3) consisted almost entirely of common laboratory contaminants; typically acetone and methylene chloride in the volatiles, and phthalate ester, laboratory artifacts, and aldol condensation products in the semivolatiles. None of the identified semivolatile method blank contaminants were present above reporting limits; only acetone and methylene chloride exceeded reporting levels in the volatiles. Eight of 20 petroleum hydrocarbons method blanks contained trace amounts of gasoline or JP-4, up to 0.05 mg/L and 0.04 mg/kg. Volatile, semivolatile, and metals samples with contamination in the associated method blanks were evaluated according to guidelines in *National Functional Guidelines for Organic Data Review* (EPA 1990a) and *Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (EPA 1988). Contaminated method blanks in the volatiles and

semivolatiles analyses have a minimal affect on the data, as the compounds used historically at the seven sites were comprised mainly of fuel hydrocarbons and minor amounts of chlorinated ethenes. Gasoline in the petroleum hydrocarbon method blanks was evaluated with the same criteria as the volatiles and semivolatiles, i.e., if contamination was found in the blank but not in the sample, no action is taken. If contamination is present in the sample at a concentration less than five times the concentration in the associated blank, then the sample results are flagged. If the gasoline concentration in the sample is greater than five times the concentration in the blank, no action is taken. Of the 64 petroleum hydrocarbons samples with associated method blank contamination, these criteria resulted in flagging three samples (1067, 1069, and 1070) as usable.

5.2 Field Blanks

Organic field blank contaminants (Appendix D, Table D-2) were mainly phthalate esters in the semivolatiles and trihalomethanes in the volatile blanks. Phthalates were also found in the associated method blanks and are probably due to cross-contamination in the laboratory. Although the source of the trihalomethanes is unknown, they may have originated in the glass jugs used to store the deionized water. Impact on data is minimal, as these compounds seldom appeared in analytical results of soil and groundwater, and there is no historical evidence of their use at the sites. Metals contamination in the blanks consisted of aluminum, arsenic, barium, calcium, copper, iron, lead, magnesium, manganese, potassium, sodium, and zinc. Five of these (aluminum, calcium, iron, manganese, and zinc) were also present in the associated method blanks. The origin of the remaining metals contaminants is unknown, but possibly due to cross-contamination from sampling equipment or improper cleaning of glass jugs in which the deionized water was stored. It is unlikely that analytical results of groundwater were affected; the sampling equipment had several casing-volumes of well water pumped through the sample tubing immediately before collecting samples for metals analysis.

5.3 Equipment Rinsate Blanks

Volatile and semivolatile organic compounds found in the rinsate blanks (Appendix D, Table D-2) consisted entirely of methylene chloride and phthalate esters which were also found in the associated method blanks. Three rinsate blanks had traces (up to 0.04 $\mu\text{g/L}$) of petroleum hydrocarbons as gasoline, two of which had gasoline in the associated method blanks. Metals contaminants were aluminum, arsenic, barium, calcium, copper, iron, magnesium, manganese, sodium, and zinc. Aluminum, barium calcium, iron, manganese, and sodium were also found in the method blanks. The origin of the remaining metals in the rinsate blanks is unknown, but possibly due to contamination in the deionized water or incomplete rinsing of the sample pump tubing. In either case, it is unlikely that sample results were affected, as several well-volumes of groundwater were pumped through the sample tubing before the samples were collected.

5.4 Trip Blanks

Trip blanks contamination (Appendix D, Table D-2) consisted of methylene chloride and acetone, which were also found in the associated method blanks, and one instance of carbon disulfide (1.0 $\mu\text{g/L}$). This should have minimal impact on the data.

6. CONCLUSIONS

Overall, data generated throughout the investigation are acceptable. Petroleum hydrocarbon samples that were analyzed past allowable holding times all contained measurable quantities of gasoline. Consequently, the analytical results were useful in defining the location of fuel in the subsurface soil, even if the actual amount in 11 of the samples is questionable. Metals spike recovery, especially in soil samples, did not meet the data quantity objective for accuracy. However, only a small number (1.4%) of the total metals data points were affected; of those affected, most were usable even if estimated.

Table E.1. Method Blanks

	Total number of method blanks (both soil and water)	Total number of blanks with contamination	Total number of blanks with contamination greater than reporting limits
Volatiles	46	46	19
Semivolatiles	30	27	0
Petroleum hydrocarbons	20	8	0

Table E.2. Method blank contaminants

Contaminant (occurrences)	Limit of detection water/soil ($\mu\text{g/L}/\mu\text{g/kg}$)	Reporting limit water/soil ($\mu\text{g/L}/\mu\text{g/kg}$)	Maximum concentration found in blank water/soil ($\mu\text{g/L}/\mu\text{g/kg}$)	Number of blanks with contamination > reporting limit water/soil
<u>Volatiles</u>				
Methylene chloride (52)	1/1	10/10	5J/530J	0/24
Acetone (23)	1/1	10/10	15/39	2/20
TICs ¹ (laboratory artifact) (15)	unknown	unknown	ND ² /5J	unknown
2-Hexanone (5)	1/1	10/10	ND/2J	0/0
Chloroform (2)	1/1	10/10	ND/2J	0/0
4-methyl-2-Pentanone (2)	1/1	10/10	ND/2J	0/0
2-Butanone (1)	1/1	10/10	ND/4J	0/0
Ethylbenzene (1)	1/1	10/10	1J/ND	0/0
1,1,1-Trichloroethane (1)	1/1	10/10	ND/1J	0/0
<u>Semivolatiles</u>				
Unknown (TICs) (27)	unknown	unknown	7J/760J	unknown
bis(2-ethylhexyl)Phthalate (23)	unknown	10/330	6J/160J	0/0
Laboratory artifact (TICs) (20)	unknown	unknown	61J/960J	unknown
di-n-Butylphthalate (15)	unknown	10/330	4J/160J	0/0
Aldol condensation products (TICs) (11)	unknown	unknown	ND/560J	unknown
Butylbenzylphthalate (3)	unknown	10/330	2J/ND	0/0
Diethylphthalate (3)	unknown	10/330	1J/ND	0/0
Unknown hydrocarbon (2)	unknown	unknown	8J/ND	unknown
Methoxyethane (TIC) (1)	unknown	unknown	5J/ND	unknown
Pentachlorophenol (1)	unknown	10/790	2J/ND	0/0

Table E.2. (cont.)

Contaminant (number of occurrences)	Limit of detection water/soil ($\mu\text{g/L}/\mu\text{g/kg}$)	Reporting limit water/soil ($\mu\text{g/L}/\mu\text{g/kg}$)	Maximum concentration found in blank water/soil ($\mu\text{g/L}/\mu\text{g/kg}$)	Number of blanks with contamination > reporting limit water/soil
Unknown alkane (TIC) (1)	unknown	unknown	ND/66J	unknown
Unknown carboxylic acid (1)	unknown	unknown	7J/ND	unknown
<u>Petroleum hydrocarbons</u>				
Gasoline (7)	unknown	100/100	50/40	0
JP-4 (8)	unknown	600/100	30/40	0

¹ TIC - tentatively identified compound² ND - not detected

E-13

Table E.3. Surrogate spike recoveries outside Contract Laboratory Program Limits

Sample number	Semi-volatiles			Petroleum Hydrocarbons	
	1,2-Dichlorobenzene (20-130%)	Nitrobenzene-d5 (23-120%)	Terphenyl-d14 (18-137%)	2,4,6-Tribromophenol (19-122%)	1,4-Dichlorobutane (60-130%)
1060					49
1060DU ¹					52
1066					58
1066RE ²					52
1068					58
1068RE					56
1074					1
1075					51
1077					310
1078					6
1081					340
1084					600
1086				124	
1091	132	401	147		
1092			148		
1093		125			55
1094		122			
1096		122			
1105					2200
1106					2300
1107					2500
1118			145		

E-12

¹ DU - sample was rerun at a secondary dilution² RE - sample was rerun at the same dilution as the first analysis

Table E.4. Samples exceeding holding times

Sample	Analysis	Allowable holding time (days)		Actual holding time (days)	
		Collection to extraction or analysis	Extraction to analysis	Collection to extraction or analysis	Extraction to analysis
1044	PHCs ¹	14 (soils)	40	17	1
1066	PHCs	14	40	16	1
1068RE ²	PHCs	14	40	16	1
1074RE	PHCs	14	40	16	1
1075RE	PHCs	14	40	16	1
1082	PHCs	14	40	16	0
1085RE	PHCs	14	40	16	1
1087	PHCs	14	40	16	0
1091	PHCs	14	40	17	8
1092	PHCs	14	40	16	0
1093	PHCs	14	40	15	0
1106	BNAs ³	14	40	18	5

¹ PHCs - petroleum hydrocarbons² RE - sample was reanalyzed at the same dilution³ BNAs - base/neutral and acid extractable semivolatile compounds

Table E.5. Duplicate Sample Agreement

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. ¹ Duplicate conc.	RPD ²
	<u>Volatiles</u>			
1061	Acetone	Soil	20	16
1062			17	
	Methylene chloride		20 23	14
1064	Acetone	Soil	16	40
1065			24	
	Methylene chloride		23 16	36
1072	Acetone	Soil	22	51
1073			13	
	Methylene chloride		25 29	15
1077	Acetone	Soil	11	53
1078			19	
	Methylene chloride		17 15	12
1092	Acetone	Soil	63	45
1093			100	
	Benzene		3.0 2.0	40
	Chloroform		4.0 2.0	67
	Ethylbenzene		50 120	82
	Methylene chloride		60 45	29
	Xylenes (total)		280 420	40
1098	Methylene chloride	Soil	25	27
1099			19	

E-15
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1105 1106	Ethylbenzene	Soil	630 24000	190
	Methylene chloride		650 990	41
	Xylenes (total)		2600 82000	188
1503 1504	Benzene	Water	18 17	5.7
	Ethylbenzene		17 12	34
	Methylene chloride		2.0 4.0	67
	Toluene		24 21	13
	Trichloroethene		20 14	35
	Xylenes (total)		210 200	4.9
1526 1527	Benzene	Water	1.0 1.0	0.0
	Methylene chloride		2.0 2.0	0.0
1530 1531	Methylene chloride	Water	2.0 1.0	67
1551 1552	Benzene	Water	24 23	4.3
	Ethylbenzene		27 24	12
	Toluene		37 33	11
	Xylenes (total)		450 450	0.0

E-16
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1061	<u>Semivolatiles</u>	Soil	77	13
1062	bis(2-ethylhexyl) Phthalate		88	
	di-n-Butylphthalate		85	1.2
			84	
1064	bis(2-ethylhexyl) Phthalate	Soil	62	41
1065			94	
	di-n-Butylphthalate		69	23
			87	
1077	bis(2-ethylhexyl) Phthalate	Soil	360	22
1078			290	
1077 (dilution)	bis(2-ethylhexyl) Phthalate	Soil	560	64
1078 (dilution)			290	
1092	2-Methylnaphthalene	Soil	480	22
1093			600	
	Benzo (A) anthracene		85	15
			73	
	Benzo (A) pyrene		58	21
			47	
	Benzo (B) fluoranthene		110	0.0
			110	
	Benzo (K) fluoranthene		110	0.0
			110	
	bis(2-ethylhexyl) Phthalate		570	9.2
			520	
	Chrysene		70	4.2
			73	
	di-n-Butylphthalate		53	100
			160	
	Fluoranthene		130	14
			150	
	Naphthalene		320	44
			500	

E-17
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1092	Phenanthrene		160	36
1093			230	
	Phenol		45	63
			86	
	Pyrene		250	0.0
			250	
1098	bis(2-ethylhexyl) Phthalate	Soil	150	22
1099			120	
	di-n-Butylphthalate		120	18
			100	
	Phenanthrene		120	87
			47	
1105	2,4-Dimethylphenol	Soil	180	5.4
1106			190	
	2-Methylnaphthalene		1300	8.0
			1200	
	Naphthalene		1100	20
			900	
1503	1,2-Dichlorobenzene	Water	1.0	67
1504			2.0	
	2,4-Dimethylphenol		2.0	67
			1.0	
	bis(2-ethylhexyl) Phthalate		4.0	174
			158	
	di-n-Butylphthalate		4.0	40
			6.0	
	Diethylphthalate		1.0	0.0
			1.0	
	Naphthalene		8.0	29
			6.0	
1526	bis(2-ethylhexyl) Phthalate	Water	1.0	0.0
1527			1.0	

E-18
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1530 1531	bis(2-ethylhexyl) Phthalate	Water	1.0 2.0	67
	di-n-Butylphthalate		1.0 1.0	0.0
1551 1552	1,2-Dichlorobenzene	Water	5.0 11	75
	1,3-Dichlorobenzene		2.0 3.0	40
	1,4-Dichlorobenzene		2.0 4.0	67
	bis(2-ethylhexyl) Phthalate		5.0 7.0	33
	di-n-Butylphthalate		1.0 2.0	67
	Naphthalene		9.0 17	62
1567 1568	bis(2-ethylhexyl) Phthalate	Water	2.0 6.0	100
	<u>Petroleum hydrocarbons</u>			
1077 1078	Gasoline	Soil	2600 110	184
	JP-4		2000 82	184
1092 1093	Gasoline	Soil	87 33	90
	JP-4		63 24	90
1105 1106	Gasoline	Soil	2500 2200	13
1105 1106	JP-4		1800 1600	12
1503 1504	Gasoline	Water	1.2 0.7	47
	JP-4		0.9 0.5	51

E-19
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1551 1552	Gasoline	Water	2.4 2.6	8.0
	JP-4		1.8 1.9	5.4
	<u>Metals</u>			
1061 1062	Aluminum	Soil	23200 25300	8.7
	Arsenic		16 101	145
	Barium		175 193	9.8
	Calcium		8680 7940	8.9
	Chromium		26 23	13
	Cobalt		11 10	8.9
	Copper		38 25	41
	Iron		29200 22500	26
	Lead		7.4 5.1	37
	Magnesium		5190 5990	14
	Manganese		374 450	18
	Nickel	Soil	24 20	19
	Potassium		1650 1500	9.5
	Sodium		1740 1870	7.2
	Vanadium		66 59	11

E-20
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1061 1062	Zinc		116 51	78
1064 1065	Aluminum		20500 20000	2.5
	Arsenic		5.9 20	108
	Barium		94 141	41
	Calcium		6060 6390	5.3
	Chromium		18 16	16
	Cobalt		13 14	5.2
	Copper		26 27	4.9
	Iron		26500 21600	20
	Lead		5.3 5.2	1.9
	Magnesium	Soil	10000 9920	0.8
	Manganese		564 734	26
	Nickel		33 30	11
	Potassium		4990 4290	15
	Sodium		1690 1160	37
	Vanadium		61 59	3.2
	Zinc		54 54	0.0

E-21
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1072 1073	Arsenic	Soil	28 26	7.8
	Barium		226 121	61
	Calcium		9670 6960	33
	Chromium		17 18	0.6
	Cobalt		16 10	48
	Copper		40 22	58
	Iron		27400 23400	16
	Lead		5.4 5.1	5.7
	Magnesium		8180 7760	5.3
	Manganese		1880 359	136
	Nickel		35 26	28
	Potassium		3990 2950	30
	Sodium		2640 2100	23
	Vanadium		82 68	18
	Zinc		71 48	39
1077 1078	Aluminum	Soil	9150 11400	22
	Arsenic		24 125	135

E-22
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1077	Barium		108	12
1078			122	
	Calcium		5350	6.7
			5730	
	Chromium		15	23
			19	
	Cobalt		8.5	50
			14	
	Copper		21	39
			32	
	Iron		19100	44
			30000	
	Lead		4.1	2.4
			4.2	
	Magnesium		3220	9.8
			3550	
	Manganese		571	2.4
			585	
	Nickel		19	22
			24	
	Potassium	Soil	1770	15
			1520	
	Sodium		868	25
			1120	
	Vanadium		45	39
			66	
	Zinc		56	8.1
			60	
1092	Aluminum	Soil	12800	7.5
1093			13800	
	Arsenic		9.0	22
			7.2	
	Barium		121	7.9
			131	

E-23
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1092	Beryllium		0.56	15
1093			0.65	
	Calcium		4350 4410	2.7
	Chromium		16 14	15
	Cobalt		6.7 6.7	0.0
	Copper		17 17	0.6
	Iron		14300 22900	46
	Lead		6.3 6.6	4.6
	Magnesium		2930 3130	6.6
	Manganese		149 208	33
	Nickel		15 17	15
	Potassium		3130 2420	26
	Sodium	Soil	1080 1110	2.7
	Vanadium			
	Zinc	Soil	46 42	8.2
1098	Aluminum	Soil	20200	3.0
1099			19600	
	Arsenic		45 33	31
	Barium		174 167	4.1

E-24
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1098	Beryllium		0.82	33
1099			0.59	
	Calcium		5470 4450	21
	Chromium		14 15	6.1
	Cobalt		11 10	3.8
	Copper		22 21	2.3
	Iron		36400 21900	50
	Lead		9.5 9.0	5.4
	Magnesium		6520 5040	26
	Manganese		641 377	52
	Nickel		24 17	32
	Potassium		4430 3880	13
	Sodium		1190 1080	9.7
	Vanadium		57 57	0.7
	Zinc		49 46	6.7
1105	Aluminum	Soil	20800	18
1106			17300	
	Barium		170 127	29
	Beryllium		0.62 0.79	24

E-25
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1105	Calcium		7180	18
1106			5970	
	Chromium		23 18	23
	Cobalt		9.5 9.3	2.1
	Copper		22 22	0.0
	Iron		22100 24600	11
	Lead		5.3 4.4	19
	Magnesium		4270 4020	6.0
	Manganese		195 170	14
	Nickel		19 20	7.6
	Potassium		1890 1660	13
	Sodium		1520 1230	21
	Vanadium		70 72	2.5
	Zinc		51 53	2.9
1503	Aluminum	Water	449	10
1504			498	
	Arsenic		59 57	2.6
	Barium		397 363	9.0
	Calcium		83200 82100	1.3

E-26
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1503	Cobalt		15	9.6
1504			14	
	Copper		109 104	4.7
	Magnesium		22900 22600	1.3
	Manganese		4660 4080	13
	Nickel		12 13	9.8
	Potassium		17200 15700	9.1
	Sodium		371000 361000	2.7
	Zinc		23 6.9	106
1526	Aluminum	Water	194	4.8
1527			185	
	Arsenic		62 54	13
	Barium		28 28	0.7
	Calcium		42600 42200	0.9
	Iron		125 50	86
	Magnesium		10400 10500	1.0
	Manganese		218 220	0.9
	Potassium		8040 9450	16
	Sodium		98300 102000	3.7

E-27
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1526 1527	Zinc	Water	7.2 3.8	62
1530 1531	Aluminum		178 202	13
	Arsenic		39 32	20
	Barium		44 44	0.9
	Calcium		44100 43700	0.9
	Magnesium		12800 12800	0.0
	Manganese		27 26	2.2
	Potassium		9030 10300	13
	Sodium		221000 223000	0.9
	Vanadium		11 10	2.9
	Zinc		4.8 5.6	15
1551 1552	Aluminum		127 98	26
	Arsenic		116 116	0.0
	Barium		237 218	8.4
	Calcium		72500 64600	12
	Copper		12 15	21
	Iron		52 26	67

E-28
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1551	Magnesium	Water	18300	12
1552			16300	
	Manganese		845	3.7
			814	
	Potassium		15700	6.6
			14700	
	Sodium		285000	12
			254000	
	Vanadium		11	6.4
			11	
1567	Aluminum		86	4.7
1568			82	
	Arsenic		30	12
			27	
	Barium		52	3.9
			50	
	Calcium		49000	0.2
			48900	
	Iron		26	40
			17	
	Magnesium		14100	0.7
			14000	
	Manganese		17	11
			15	
	Potassium		9330	9.8
			8460	
	Sodium		233000	2.6
			227000	
	Vanadium		7.3	23
			9.2	
1569	Aluminum		85	12
1570			76	
	Arsenic		34	2.7
			33	

E-29
Table E.5. (cont.)

Sample no. Duplicate no.	Analysis	Matrix	Sample conc. Duplicate conc.	RPD
1569	Barium		25	4.8
1570			24	
	Calcium		50200	3.6
			48400	
	Iron		26	29
			34	
	Magnesium		11000	4.6
			10500	
	Manganese		228	0.4
			229	
	Potassium		8480	12
			7520	
	Sodium		109000	4.7
			104000	
	Zinc		8.3	29
			11	

¹ Concentration units are µg/kg (soil) and µg/L (water) for volatile and semivolatile compounds, mg/kg and mg/L for petroleum hydrocarbons, and mg/kg and µg/L for metals.

² RPD = relative percent difference calculated as:

$$RPD = \frac{S-D}{\left(\frac{S+D}{2}\right)} \times 100$$

where S = sample concentration and D = duplicate concentration

Table E.6. Matrix spike/matrix spike duplicate recoveries for organic analytes outside the CLP limits

Sample number	Spike	Conc. spike added	Sample conc.	MS ¹ conc.	MS % rec.	MSD ² conc.	MSD % rec.	QC limits	
								RPD ³	% rec.
1106	Toluene	7810	3920	12600	111	9285	69	30*	21
1002	2,4-Dinitrotoluene	2030	ND ⁴	1700	84	1830	90*	-45	47
1043	4-chloro-3-Methylphenol	2800	ND	2894	103	3211	115*	-10	33
	2,4-Dinitrotoluene	1870	ND	1603	86	1761	94*	-9	47
1043	Pentachlorophenol	2800	ND	2830	101	3159	113*	-11	47
1081	1,4-Dichlorobenzene	1830	ND	1410	77	1988	109*	-34*	27
	Nitroso-di-n-propylamine	1830	ND	2484	136*	2983	163*	-18	38
1090	4-chloro-3-Methylphenol	3050	ND	3587	118*	3632	163*	-1	33
	Phenol	3050	ND	2928	96*	2927	96*	0	35
1520	4-Nitrophenol	75	ND	63	84*	61	81*	4	50
1566	1,4-Dichlorobenzene	100	ND	35	35*	44	44	-22	28
	4-Nitrophenol	150	ND	104	69	123	82*	-17	50
	Acenaphthalene	100	ND	44	44*	60	60	-31	31
	N-Nitroso-di-n-propylamine	100	ND	38	38*	46	46	-18	38
	Pyrene	100	ND	47	47	70	70	-40*	31
1571	2,4-Dinitrotoluene	50	ND	50	100*	51	101*	-1	38
	4-Nitrophenol	75	ND	75	99*	79	105*	-6	50
	Pentachlorophenol	75	ND	83	111*	85	113*	-1	50
1590	4-Chloro-3-methylphenol	75	ND	82	109*	77	102	6	42

Table E.6. (cont.)

Sample number	Spike	Conc. spike added	Sample conc.	MS ¹ conc.	MS % rec.	MSD ² conc.	MSD % rec.	RPD ³	QC limits	
									RPD	% rec.
4-Nitrophenol		75	ND	72	97*	75	100*	-4	50	10 to 80
Pentachlorophenol		75	1.5	82	109*	85	112*	-3	50	9 to 103

¹MS = matrix spike.²MSD = matrix spike duplicate.³RPD = relative percent difference calculated as:

$$RPD = \frac{MS - MSD}{1/2 (MS + MSD)} \times 100.$$

⁴ND = not detected

* Values outside of QC limits.

Table E.7. Spike sample recoveries outside of control limit for metals

Sample number	Analyte	Spiked sample result ¹	Sample result	Spike added	% Recovery (% R) ²	Control limit %R
1000	Antimony	37	14U ³	123	30	75-125
	Cadmium	8.5	1.2U	12	69	75-125
	Lead	10	9.5	4.9	22	75-125
	Mercury	1.5	0.12U	0.61	242	75-125
	Selenium	1.1	0.98U	2.4	47	75-125
1005	Silver	6.4	2.5U	12	52	75-125
	Thallium	8.4	0.49U	12	52	75-125
	Zinc	173	84	123	72	75-125
	Lead	16	4.8	20	57	75-125
	Thallium	17	10U	50	34	75-125
1015	Antimony	40	16U	143	28	75-125
	Manganese	1034	324	143	495	75-125
	Mercury	1.3	0.14U	0.72	186	75-125
	Selenium	1.2	5.7U	2.9	40	75-125
	Silver	7.1	2.9U	14	49	75-125
1036	Thallium	11	0.57U	14	74	75-125
	Antimony	33	13	112	29	75-125

Table E.7. (cont.)

Sample number	Analyte	Spiked sample result ¹	Sample result	Spike added	% Recovery (% R) ²	Control limit %R
1061	Arsenic	31	25	9.0	74	75-125
	Lead	20	14	4.5	134	75-125
	Selenium	8.9U	8.9U	2.24	0.0	75-125
	Silver	7.5	2.2U	11	68	75-125
	Thallium	6.7	0.45U	11	60	75-125
	Antimony	28	16U	137	20	75-125
	Lead	9.7	7.4	5.5	41	75-125
1102	Manganese	454	374	137	58	75-125
	Mercury	0.89	0.14U	0.69	128	75-125
	Selenium	2.2U	11U	2.8	0.0	75-125
	Silver	6.8	2.7U	14	50	75-125
	Thallium	8.7	0.55U	14	64	75-125
	Zinc	191	116	137	55	75-125
	Antimony	67	14U	120	56	75-125
1105	Manganese	536	375	120	134	75-125
	Mercury	1.2	0.12U	0.60	195	75-125
	Antimony	40	14U	125	32	75-125

Table E.7. (cont.)

Sample number	Analyte	Spiked sample result ¹	Sample result	Spike added	% Recovery (% R) ²	Control limit %R
1112	Arsenic	10.1	30	10	759	75-125
	Mercury	1.2	0.13U	0.63	188	75-125
	Selenium	1.8	1.0U	2.5	71	75-125
	Silver	9.1	2.5U	13	73	75-125
	Antimony	47	14U	122	39	75-125
	Cadmium	9.0	1.2U	12	74	75-125
	Manganese	514	346	122	138	75-125
	Mercury	0.81	0.12U	0.61	133	75-125
	Selenium	1.3	0.98U	2.4	51	75-125
	Silver	8.9	2.4U	12	73	75-125
1520	Lead	12	2.0U	20	59	75-125
	Selenium	4.0U	20U	50	60	75-125
	Thallium	30	2.0U	50	60	75-125
1529	Arsenic	66	38	40	70	75-125
	Lead	9.7	2.0U	20	48	75-125
	Selenium	4.7	4.0U	10	47	75-125
1566	Arsenic	32	5.6	40	66	75-125

Table E.7. (cont.)

Sample number	Analyte	Spiked sample result ¹	Sample result	Spike added	% Recovery (% R) ²	Control limit %R
1571	Silver	20	5.0U	50	40	75-125
	Selenium	5.8	3.0U	10	58	75-125
	Thallium	31	3.0U	50	61	75-125

¹ Reporting units are $\mu\text{g/L}$ for water and mg/kg for soil and sediment.

² %R = percent recovery, calculated as :

$$\%R = \frac{\text{spiked sample result} - \text{sample result}}{\text{spike added}} \times 100$$

³ U = Analyte was undetected; number given is the detection limit for that analyte when spike recovery is within limits.

Table E8. Percentage of spike recoveries outside of CLP limits

Analysis	No. of samples spiked	No. of spikes per sample	Total number of spikes	MS/MSD ¹ recoveries			
				No. of MSs outside of limits	% of MSs outside of limits	No. of MSDs outside of limits	% of MSDs outside of limits
Semivolatiles	13	11	143	14	9.8	23	16
Volatiles	16	5	80	0	0	0	0
Metals	12	-17	213	55	26	-	-

Analysis	No. of samples spiked	No. of spikes per sample	Total number of spikes	Surrogate recoveries		
				No. of surrogate spikes outside of limits	% of surrogate spikes outside of limits	
Semivolatiles	185	8	1480	18	1.2	
Volatiles	207	3	621	0	0	
PHCs ²	198	1	198	17	8.6	

¹ MS/MSD = matrix spike/matrix spike duplicate² PHCs = petroleum hydrocarbons as JP-4 and gasoline

Table E.9. Work sheet for evaluating completeness

Number of data points

Analysis	Number of samples	Number of data points/sample	Total data points
Volatiles	207	33	6831
Semivolatiles	185	64	11840
Petroleum hydrocarbons	198	2	396
Metals	165	23	3795

Total = 22862

Invalid data points

<u>Source of invalidation</u>	<u>Number of data points affected</u>
Method blank contamination ¹	828
Holding time exceeded	12
Semivolatile MSs	14
Volatile MSs	0
Semivolatile MSDs	23
Volatile MSDs	0
Metals MSs	55
Semivolatile surrogates	18
Volatile surrogates	0
Petroleum hydrocarbon surrogates	17
Relative percent differences (all analytes)	10
Total =	977

Percent of valid data points

$$DP_v = \frac{DP_t - DP_i}{DP_t} \times 100 = \frac{22862 - 977}{22862} \times 100 = 96\%$$

¹ Method blank contamination refers to the sum of the analytes in all the samples affected by the presence of target compounds or analytes in the method blanks.

Table E.10. Analytical methods

Analysis	Method ¹
Volatile organics	CLP 624
Semivolatile organics	CLP 625
Petroleum hydrocarbons as JP-4 and gasoline	LUFT modified California 8015 ²
Metals	
Aluminum	ICP ³ 200.7
Antimony	ICP 200.7
Arsenic	ICP 200.7, graphite furnace AA ⁴ 206.2
Barium	ICP 200.7
Beryllium	ICP 200.7
Cadmium	ICP 200.7
Calcium	ICP 200.7
Chromium	ICP 200.7
Cobalt	ICP 200.7
Copper	ICP 200.7
Iron	ICP 200.7
Lead	Graphite furnace AA 239.2
Magnesium	ICP 200.7
Manganese	ICP 200.7
Mercury	Cold vapor AA 245.1, 245.5
Nickel	ICP 200.7
Potassium	ICP 200.7
Selenium	Graphite furnace AA 270.2
Silver	ICP 200.7
Sodium	ICP 200.7
Thallium	Graphite furnace AA 279.2
Vanadium	ICP 200.7
Zinc	ICP 200.7

¹ Analytical methods for volatiles, semivolatiles, and metals are described in *USEPA Contract Laboratory Statement of Work for Organics Analysis*, OLMO1.0, 1990 and *USEPA Contract Laboratory Statement of Work for Inorganics Analysis*, ILMO2.0, 1990.

² Analytical method for petroleum hydrocarbons is described in LUFT 1987. *Leaking Underground Fuel Tank Manual*, California State Water Resources Control Board, Division of Water Quality, Sacramento, Calif.

³ ICP - Inductively coupled plasma emission spectrometer.

⁴ AA - atomic absorption spectrometer.